

LAB EQUIPMENT & SUPPLIES *Catalogue* (Volume-1)



Filters
Micropipettes
Centrifuge
Mixer
Stirrer
Balances
Incubators
Chromatography
Supplies
&
MUCH
MORE

Krins
Life Sciences Inc

WHY

Krins Life Sciences?



**ONE STOP SOLUTION IN
NORTH AMERICA**

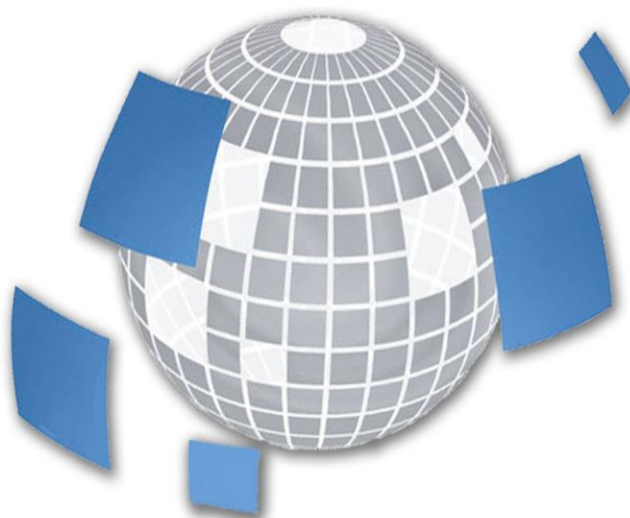
**DIRECT FROM
MANUFACTURERS**

**MAXIMUM 5 BUSINESS DAYS
TURN AROUND TIME. ***

**PRODUCTS AVAILABLE
ONLINE & OFFLINE
(PHONE / EMAIL)**

**COST EFFECTIVE &
COMPETITIVE PRICES**

**PRODUCTS EQUIVALENT OF
BRAND QUALITY**



Mission

Offer single-platform support to businesses in life science industries, Krins Life Sciences is committed to bridge the gap between science, resources, and commercial operations.

Vision

Share the resources and grow with our allies and partners to Become one-stop solution provider for lifesciences industry and to offer end user through us and our business allies affordable, quality and compliant products and services.

**Pharmaceutical
Cosmetic
Nutraceutical
Bio-technology
PRODUCTS
& SERVICES**

TABLE OF CONTENTS- LAB EQUIPMENT

Centrifuges	4
Shakers	13
Vortex Mixers	19
Homogenizers	22
Rollers	23
Rotators	25
Thaw Station	29
Dry Bath	29
Stirrers	30
Pipettes	45
Pipette Tips	51
Centrifuge Tubes	58
PCR Consumables	60
Dispensers	61
BOD & Cold Chamber	62
Walk in Stability Chamber	64
Vaccum Oven	66
Photo Stability Chamber	67
Humidity Chamber	69
Hot Air Oven	70
Deep Freezer	71

[TABLE OF CONTENTS- LAB SUPPLIES](#)



Centrifuges

iFuge KN-M08 - Personal Micro Centrifuge

- iFuge KN-M08** 8 x 1.5/2.0 ml microtubes closed Rotor
Fixed Speed of 6000 RPM; RCF 2000g
Unique closed rotor design for reduced friction
Smart Robust Design for long life with digital Display
SMPS Universal Electric supply for high efficiency
Electronic Safety Brake (on lid opening) - suitable for quick spins
Standard Accessories included:
- KN-M08-B2** Interchangeable - PCR Strip Rotor (2 x 8 x 0.2 ml)
KN-M08-D1/D2 Reduction Adaptors for 0.2/0.5 ml Microtubes
*** Special variable speed version (1000 to 6000 RPM) can be provided on request**



iFuge KN-BL08VT - Smart BLDC Personal Micro Centrifuge

- iFuge KN-BL08VT** 8 x 1.5/2.0 ml microtubes closed Rotor
Variable Speed (500 to 6000 RPM & Timer setting feature
Brushless DC motor for efficient performance with low noise (<55 dB)
High efficiency ± 25 RPM (self correcting at changing loads)
Unique closed rotor design for reduced friction
Sensor based imbalance detection
Smart Robust Design for long life with digital Display
Electronic Safety Brake (on lid opening)
Standard Accessories included:
- KN-M08-B2** Interchangeable - PCR Strip Rotor (2 x 8 x 0.2 ml)
KN-M08-D1/D2 Reduction Adaptors for 0.2/0.5 ml Microtubes



iFuge KN-M12P - Table Top Genius

- iFuge KN-M12** 12 x 1.5/2.0 ml microtubes with Al. rotor & lid for better Aerosol protection
Brushless DC motor for efficient performance with low noise (<60 dB)
Large Back-lit LED display for easy view & setting (RPM/RCF switch)
Max. speed of 15000 RPM (delivers 15596g in small footprint)
Safety Lid interlock & auto open after run completion
Minimal temperature rise in Rotor chamber - ensures sample stability
Imbalance detection with Microprocessor (stores last run memory)
Provision for USB with programming and remote operation
Standard Accessories included:
Reduction Adaptors for 0.2/0.5 ml Microtubes
Optional Rotors:
- KN-M12-R2x8** PCR Strip Rotor (2 x 8 x 0.2 ml)



iFuge KN-D12 - High Speed Micro Centrifuge

- iFuge KN-D12** Compact unit with 12 x 1.5/2.0 ml Microtube capacity
 Long life Brushless DC motor for efficient performance
 Maximum speed upto 15000 RPM (g force upto 15596 x g)
 Imbalance detection and auto cut off safety
 Time setting from 1 to 99 minutes & infinite mode
Standard Accessories included:
 Reduction Adaptors for 0.2/0.5 ml Microtubes



Optional Rotors:

- KN-D12-HCT** Hematocrit rotor (24 tubes x 40 mm length)
 (Upto 12725 x g @ 15000 RPM)
- KN-M12-R2x8** PCR Strip Rotor (2 x 8 x 0.2 ml) (upto 13080 x g)



iFuge KN-D06 - Doctor Centrifuge

- iFuge KN-D06** 6 (Autoclavable Rotor) x 10/15 ml fixed angle
 Brushless DC motor for maintenance free long life
 Large Digital Display with Speed & Time setting
 Imbalance detection with Microprocessor (stores last run memory)
 Powerful motor delivers upto 3684 x g - 1 touch RPM-RCF conversion
 Lid lock safety with auto lid pop up on run completion
 Speed setting from 500-6500 RPM & Timer from 30sec-30 mins & infinite mode
 Single rotor can accept different size of tubes (with adaptors)
 1 touch RPM to RCF conversion



- Standard Accessories included:**
- KN-D06-RA** Adaptors for all blood collection tubes (2, 5, 7, 9 ml tubes)
- Optional Rotors:**
- KN-D06-8S** 8 (Autoclavable Rotor) x 10/15 ml fixed angle (can take all standard blood collection tubes)- upto 3873g



iFuge KN-M18 - Table Top Genius

- iFuge KN-M18** 18 x 1.5/2.0 ml microtubes with Al. rotor & lid for better Aerosol protection
Brushless DC motor for efficient performance with low noise (<60 dB)
Large Back-lit LED display for easy view & setting (RPM/RCF switch)
Max. speed of 15000 RPM (delivers 18262g in small footprint)
Safety Lid interlock & auto open after run completion
Minimal temperature rise in Rotor chamber - ensures sample stability
Imbalance detection with Microprocessor (stores last run memory)

Standard Accessories included:

- KN-M18-D1/D2** Reduction Adaptors for 0.2/0.5 ml Microtubes



iFuge KN-L400P - Multipurpose Laboratory Centrifuge

- iFuge KN- L400P** More than 15 rotor options (swing & angle) for different work protocols
High performance Brushless DC motor maintenance free long life
Speed selection from 500 to 4500 RPM
Large LED display for easy reading/setting of multiple parameters
Stainless steel rotor chamber & Lid lock safety feature
Microprocessor control with upto 9 accl & deaccl speeds
User programmable feature – User can save upto 99 programs
Imbalance detection and auto cut off safety

* **Rotor to be purchased separately** (common rotors for L400p and L30PR)



iFuge KN-L30PR - Multipurpose Laboratory Refrigerated Centrifuge

- iFuge KN-L30PR** More than 15 rotor options (swing & angle) for different work protocols
adjustable temperature ranges from -10° C to 40° C
High performance Brushless DC motor maintenance free long life
Speed selection from 500 to 4500 RPM
Large back lit LCD display for easy reading/setting of multiple parameters
Stainless steel rotor chamber & Lid lock safety feature
Microprocessor control with upto 9 accl & deaccl speeds
User programmable feature – User can save upto 99 programs
Imbalance detection and auto cut off safety

* **Rotor to be purchased separately** (Select Rotor to order from below options)



Sr No.	Rotor Number	Rotor Options for iFuge KN-L400P & KN-L30PR
1	KN-LC01-L30-130	4x100mL swing rotor with Bio Safety Cap, RCF 3164 g (Available with 50A,50B,30A,15A,15B,10A,6A) adapters
2	KN-LC01-L30-129	4x50mL swing rotor with SS tubes, RCF 3485 g (Available with 30B,15C,15D,10B) adapters
3	KN-LC01-L30-128	6x50mL swing rotor with SS tubes (Available with 30B,15C,15D,10B) adapters
4	KN-LC01-L30-125	16x15mL swing rotor with SS tubes, RCF 3485 g (Available with 8A,6B,5A,5B,4A,3A, WA) adapters
5	KN-LC01-L30-126	12x15mL swing rotor, RCF 3485 g (Available with 8A,6B,5A,5B,4A,3A, WA) adapters
6	KN-LC01-L30-127	8x15mL swing rotor, RCF 3440 g (Available with 8A,6B,5A,5B,4A,3A, WA) adapters
7	KN-LC01-L30-124	2 x Microplates Swing rotor, RCF 2355 g
8	KN-LC01-L30-136	4x100mL Fix angle rotor, RCF 2559 g (Available with 50C,15A,15B,15E,10A,6A) adapters
9	KN-LC01-L30-135	4X50mL Fix angle rotor, RCF 2644 g (Available with 15C,15D,10B) adapters
10	KN-LC01-L30-134	6x50mL Fix angle rotor, RCF 2644 g (Available with 15C,15D,10B) adapters
11	KN-LC01-L30-137	24x15mL Fix angle rotor, RCF 2852 g (Available with 6B,5A,4A,3A) adapters
12	KN-LC01-L30-131	16x15mL Fix angle rotor, RCF 3144 g (Available with 6B,5A,4A,3A, WA) adapters



Sr No.	Rotor Number	Rotor Options for iFuge KN-L400P & KN-L30PR
13	KN-LC01-L30-132	12x15mL Fix angle rotor, RCF 3144 g (Available with 6B,6C,5A,5B,4A,3A, WA) adapters
14	KN-LC01-L30-133	8x15mL Fix angle rotor (Available with 6B,5A,4A,3A, WA) adapters
15	KN-LC01-L30-138	30x15mL Fix angle rotor, RCF 2729 g
16	KN-LC01-L30-140	32x10mL swing rotor, RCF 3164 g (includes 32x10mL SS tubes + 32x10mL rubber adapters for tube dia.13x length 100 mm + 32 x adapters for tube dia. 13x length 75 mm





Sr No.	Adapter Number	Adapter Options for iFuge KN-L400P & KN-L30PR
1	KN-LC01-50A	50mL adapter
2	KN-LC01-50B	50mL adapter
3	KN-LC01-50C	50mL adapter
4	KN-LC01-30A	30mL adapter
5	KN-LC01-30B	30mL adapter
6	KN-LC01-15A	15mL adapter
7	KN-LC01-15B	15mL adapter
8	KN-LC01-15C	15mL adapter
9	KN-LC01-15D	15mL adapter
10	KN-LC01-15E	15mL adapter
11	KN-LC01-10A	10mL adapter
12	KN-LC01-10B	10mL adapter
13	KN-LC01-8A	8mL adapter
14	KN-LC01-6A	6mL adapter
15	KN-LC01-6B	6mL adapter
16	KN-LC01-6C	6mL adapter
17	KN-LC01-5A	5mL adapter
18	KN-LC01-5B	5mL adapter
19	KN-LC01-4A	4mL adapter
20	KN-LC01-3A	3mL adapter
21	KN-LC01-WA	wintrobe tube

iFuge KN-M24PR

iFuge KN-M24PR

Refrigerated Micro Centrifuge Temperature range from -10° C to 40° C

24/44 x 1.5/2.0 ml microtubes with Al. rotor &

lid for better Aerosol protection

Brushless DC motor for efficient performance with low noise (<63 dB)

Large Back-lit LED display for easy view & setting (RPM/RCF switch)

Max. speed of 15000 RPM (delivers 22200g in small footprint)

Safety Lid interlock & auto open after run completion

Minimal temperature rise in Rotor chamber - ensures sample stability

Imbalance detection with Microprocessor (stores last run memory)

* **Rotor to be purchased separately** (Select Rotor to order from below options)



Sr No.	Rotor Number	Rotor Options for iFuge KN-L400P & KN-L30PR
1	KN-M24-R4 x 8	8 x 4 PCR strip (0.2/0.5 mL) rotor with Max. RCF 21420 x g
2	KN-M24-R8	8 x 5 mL fixed angle rotor with Max RCF 18461 x g
3	KN-M24-R24	24 x 1.5/2 mL fixed angle rotor with Max RCF 21420 x g
4	KN-M24-R44	44 x 1.5/2 mL fixed angle rotor with Max RCF 22388 x g



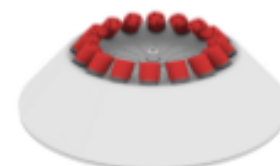
iFuge KN-C4000 - Clinical Centrifuge

iFuge KN-C4000

Brushless DC motor for maintenance free long life
 Large Digital Display with Speed & Time setting
 Imbalance detection with Microprocessor (stores last run memory)
 Powerful motor delivers upto 3684 x g - 1 touch RPM-RCF conversion
 Lid lock safety with auto lid pop up on run completion
 Speed setting from 500 to 4000 RPM & Timer from 1secs to 999 mins
 Single rotor can accept different size of tubes (with adaptors)
 User can set 99 different programs (protocols)
 3 Rotor options (**any 1 included**) –
Select Rotor from below while ordering



Sr No.	Rotor Number	Rotor Options for iFuge C4000 (<u>Any One rotor supplied with instrument</u>)
1	KN-RS06	6 x 10 ml Swing rotor -2270g (Adaptors for all blood collection tubes 9, 7, & 5ml tubes) includes:
	KN-RS06-X	swing out rotor w/o any adapters: 1 qty
	KN-C01-SH10	8/9/10 ml tube holders (set of 6)
	KN-C01-SL06	6 ml Sleeve all rotors (set of 6)
	KN-C01-SH03	2/3/4 ml tube holder (set of 6)
	KN-C01-SL03	2/3/4 ml Sleeve (set of 6)
2	KN-RA08	8 x 15 ml fixed angle -1950g (Adaptors for 10, 9, 7, & 5 ml tubes) includes:
	KN-RA08-X	8 place rotor w/o any adapters: 1 qty
	KN-C01-SL06	Tube sleeve for 6 ml (set of 8)
	KN-C01-TS	Tube spacer 2/3/4 ml (set of 8)
3	KN-RA16	16 x 10 ml fixed angle Rotor-2180g supplied with adaptors for smaller Blood collection tubes like 9, 7 & 5 ml tubes. The rotor can also take upto 12 tubes of 15 ml directly (after removing the holder) includes:
	KN-RA16-X	16 place fixed angle rotor w/o any adapters: 1 qty
	KN-C01-SL09	Tube sleeve for 9/10 ml (set of 16)
	KN-C01-SL06	Tube sleeve for 6 ml (set of 16)
	KN-C01-TS	Tube spacer 2/3/4 ml (set of 16)



iFuge KN-CS03 - Clinical Swing Out Centrifuge

- iFuge KN-CS03** 3 x 50 ml swing out rotor-1470g
Brushless DC motor for maintenance free long life
Large Digital Display with Speed & Time setting
Imbalance detection with Microprocessor (stores last run memory)
Lid lock safety with auto lid pop up on run completion
Speed setting from 500 to 3200 RPM & Timer from 1secs to 999 mins
Single rotor can accept different size of tubes (with adaptors)
User can set 99 different programs (protocols)
1 touch RPM to RCF conversion



iFuge- CS 2P - Microplate Swing Out Centrifuge

- iFuge KN-CS 2P** 2 x Microplate Swing out rotor-560g
Brushless DC motor for maintenance free long life
Large Digital Display with Speed & Time setting
Imbalance detection with Microprocessor (stores last run memory)
Lid lock safety with auto lid pop up on run completion
Speed setting from 500 to 2200 RPM & Timer from 1secs to 999 mins
Accommodates 2 x 96 well OR 384 well microplates
User can set 99 different programs (protocols)
1 touch RPM to RCF conversion



iFuge HCT - Hematocrit Centrifuge

- iFuge KN-HCT** Upto 24 capillary tubes of 75 mm (can accept 40mm micro hematocrit capillaries)
Brushless DC motor for maintenance free long life
Large Digital Display with Speed & Time setting
Imbalance detection with Microprocessor (stores last run memory)
Powerful motor delivers upto 14119 x g
Lid lock safety with auto lid pop up on run completion
Speed setting from 100 to 12000 RPM & Timer from 1 min to 12 mins
Hematocrit rotor can accept capillary tubes of size upto 75 mm
Standard Accessories included:

KN-HC01-RC Hematocrit Reader





Shakers

iShak KN-BL Uno VT - Digital Microplate Shaker

Smallest footprint as small as the microplate itself
Variable Speed (300 to 1800 RPM) and Timer from 0 to 99 mins
Orbital diameter of 2 mm for proper mixing in all wells
Brushless DC Motor for silent operation and long life
Toggle clamp for easy & spill free loading/unloading of microplate
Rubber suction cups for firm surface grip

Standard Accessories included:

Tube attachment-20 tubes capacity

Clamps for different types of plates

*Optional USB connectivity with remote operation can be provided on request (additional cost may apply)



iShak KN-Quattro - Digital 4 Plate Shaker

BLDC motor for maintenance free long life
Digital display with microprocessor control
Speed setting from 200 to 1200 RPM
Orbital diameter of 3 mm for proper mixing
Timer: 1 min to 999 mins & continuous mode
Pulse mode feature - changes direction for proper mixing result
Designed for gradual speed increment to avoid spillage issues
Accommodates upto 4 Microplates (can be used with Culture plates as well)



iShak KN-3D-3 - Digital 3D Shaker (Rocker)

Tumbling rocking motion (7 deg. tilt) for optimum mixing for upto 3 kg load
Speed range of 15 to 80 RPM for gentle to fast motion and Timer function
Long life BC motor with Microprocessor control & digital display
Platform size of 307 x 267 mm - with spiked mat
Programable Pulse mode for alternating clockwise & counter clockwise motion
Favourite mode (programmable) - upto 9 user defined programs
IP 21 class protection with removable platform for ease of cleaning

Standard Accessory included: Spiked Rubber Mat
(Optional) - Sticky pad



iShak KN-3D -5 Digital 3D Shaker (Rocker)

Suitable for the mixing of upto 5kg Capacity

Tumbling rocking motion -7 deg. tilt

Speed range of 5 to 120 RPM for gentle to fast motion and timer function

Long life BDLC motor with Microprocessor control & digital display

Unique Run Pause Run mode, user can set 30 to 99 sec

Platform size - 307 x 267 mm - with spiked mat

User can set and save upto 9 user defined programs

IP 21 class protection with removable platform for ease of cleaning

Standard Accessory included: Spiked Rubber Mat

Spiked rubber mat (Standard)

(Optional) - Sticky Mat

Stacking/ double decker platform with 4 posts and spiked rubber mat



iShak KN-PS 10 / 20 - Platform Shaker upto 7.5 kg (2 Versions - Orbital & Linear)

Available in linear & orbital motion models with 10 mm / 20 mm movement

Unique User defined programming feature

BLDC motor for maintenance free long life

Speed range 50-500 RPM for 10 mm motion & 50-300 RPM for 20 mm motion

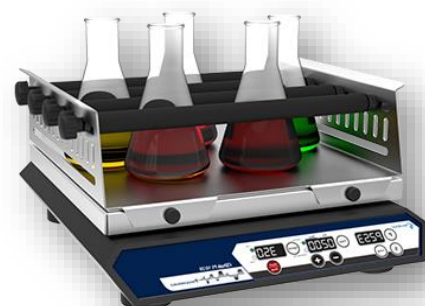
Pulse mode Clockwise-Counter-Clockwise interchange

Digital display with Min-hour timer - 1 min to 99 hours & 59 mins

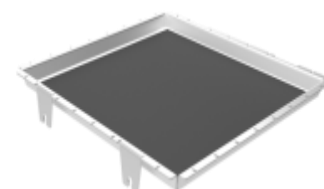
Low height spill safe design - IP 21 class protection

Platform size of 330 x 330 mm (Max 7.5 kg load capacity)

May different attachments to choose from (list below)



Sr No.	Model No.	Platform Shaker attachments (needs to order separately)
	KN-UA-01	Universal platform with adjustable bars (Flask capacity- 13 x 100ml / 13 x 150ml / 9 x 250ml / 6 x 500 ml / 5 x 1000ml)
	KN-DA-01	Disk attachment Base plate with slip resistance tray
	KN-FA-01	Funnel Attachment
	KN-SH01-PPC	Base plate for plastic clamps (Capacity- 9 clamps x 250ml / 9 clamps x 500ml). Clamps not included
	KN-SPC-1	Plastic clamp for 250 ml flask suitable for SH01-PPC
	KN-BPC-1	Plastic clamp for 500 ml flask SH01-PPC
	KN-SH01-SSP-250	Base plate for SS clamps (Capacity- 9 clamps x 100ml / 9 clamps x 150ml / 9 clamps x 250ml). Clamps not included



Sr No.	Model No.	Universal Shaker attachments (needs to order separately)
1	KN-UA-15	Universal platform with adjustable bars (Flask capacity- 44 x 100ml / 40 x 150ml / 36 x 250ml / 25 x 500 ml / 13 x 1000ml)
2	KN-SH02-PPC	Base plate for plastic clamps (Capacity 24 x 250 ml / 24 x 500 ml) - Clamps not included
3	KN-SPC-1	Plastic clamp 250 ml suitable for base plate SH02-PPC
4	KN-BPC-1	Plastic clamps 500 ml suitable for base plate SH02-PPC
5	KN-SSP-250	Base plate for SS clamps (Capacity 24 x 100 ml / 24 x 150 ml / 24 x 250 ml) - Clamps not included
6	KN-SC-100	Stainless steel Clamp 100 ml flask suitable for Base Plate SSP-250
7	KN-SC-150	Stainless steel Clamp 150 ml flask suitable for Base Plate SSP-250
8	KN-SC-250	Stainless steel Clamp 250 ml flask suitable for Base Plate SSP-250
9	KN-SH02-SSP-500	Base plate for SS clamps (Capacity 24 x 500 ml / 8 x 1000 ml) - Clamps not included
10	KN-SC-500	Stainless steel Clamp 500 ml flask suitable for Base Plate SH02-SSP-500
11	KN-SC-1000	Stainless steel Clamp 1000 ml flask suitable for Base Plate SH02-SSP-500



iShak KN-TS4 - Incubated Microplate Shaker

Temp (Incubation range) from Ambient + 3 °C to 70 °C

Maintenance free BLDC Motor drive

Speed of upto 1200 RPM

Orbital Motion of 3 mm dia

Digital Display for shows Set and Actual Temperature

Programmable Pulse mote for alternating CW and CCW motion

Timer range of 1 min too 99.59 hrs + infinite mode

Accommodates upto 4 Microplates





Vortex Mixers

iSwix Jr. KN- Mini Vortex Mixer (fixed speed)

- iSwix Jr KN-MVM**
- Small footprint - tiny yet powerful
 - BLDC motor for maintenance free long life
 - Delivers 4500 RPM for quick mixing
 - Smart suspension design for longer switch life
 - Orbital diameter for 4.5 mm
 - Die cast heavy base for stable operation
 - Silicone suction cups to provide firm surface grip
 - Firm grip avoids walking issues

iSwix Jr. KN-VT - Mini Vortex Mixer (variable speed)

- iSwix Jr. KN-VT**
- Small footprint - tiny yet powerful
 - BLDC motor for maintenance free long life
 - Delivers 4500 RPM for quick mixing
 - Smart suspension design for longer switch life
 - Orbital diameter for 4.5 mm
 - Die cast heavy base for stable operation
 - Silicone suction cups to provide firm surface grip
 - Firm grip avoids walking issues

iSwix KN-VT - Digital Vortex Mixer

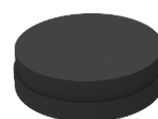
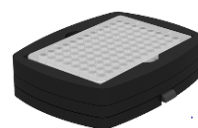
- iSwix KN-VT**
- Powerful Vortex with Digital Display
 - BLDC motor for maintenance free long life
 - Variable speed from 300 to 4200 RPM & timer setting
 - Orbital diameter for 4 mm in a small footprint
 - ON/OFF/Touch operation modes - optional adaptors available
 - Unique Programmable Pulse feature
 - Inbuilt counter-balance design ensures No walking issues
 - IP 21 class protection
 - Universal power supply (100 to 230 V 50/60 Hz)
- Standard Accessories included:**
- KN-VM-A7** Conical tube attachment
- Optional Accessories** (common for iSwix VT & iSwix models)

iSwix - KN-Vortex Mixer

- iSwix KN-VM**
- Delivers upto 2800 RPM for instant Vortex action
 - Orbital diameter for 4 mm
 - Long life brushless AC motor fitted with ball bearings
 - ON/OFF/Touch operation modes - optional adaptors available
 - Inbuilt counter-balance design ensures No walking issues
 - IP 21 class protection
 - Small footprint with Die cast base for stable operation
- Standard Accessories included:**
- KN-VM-A7** Conical tube attachment



Sr No.	Model No.	Optional Accessories (common for iSwix VT & iSwix models)
1	KN-VM-A3	Microplate attachment for one 96 well plate (with base)
2	KN-VM-A2	Tube attachment for 20 tubes (with base)
3	KN-VM-A6	Round Disk attachment (with base)
4	KN-VM-A4	Flask holder attachment (with base)



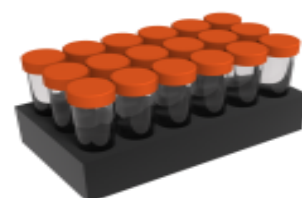
iSwix KN-MV - Digital Multitube Vortex

iSwix KN-MV

BLDC motor for maintenance free long life
 Speed setting from 300 to 2500 RPM
 Long timer range (1 to 999 minutes & infinite mode)
 Adjustable speed & time setting with Digital display
 Orbital diameter of 4 mm for proper mixing
 Programmable Pulse mode feature for proper mixing (run-stop-run)
 Choice of Clockwise and Counter-clockwise motion
 Multiple attachments to use different shapes and size of vessels
 Fits almost all tube rack
 Maximum capacity of 4.5 kg
Standard Accessories included: (VM-M3, VM-M2, VM-M1 & VM-M4 attachments are supplied along with the instrument)



Sr No.	Model No.	Attachments
1	KN-VM-M3	Attachment for 60 x 7 ml tubes
2	KN-VM-M2	Attachment for 45 x 15 ml tubes
3	KN-VM-M1	Attachment for 18 x 50 ml tubes
4	KN-VM-M4	Attachment for 6 x 250 ml flasks
5	KN-VM-M7	Foam attachment (horizontal-50ml tube) for QuEChERS test-Pesticides, Cannabis testing





Homogenizers

iRupt 24P KN- Homogenizer

iRupt 24P KN

Agitation speed range of 0.08 to 7.50 m/s in steps of 0.05 m/s (upto 4550 RPM)
 Powerful BLDC motor for maintenance free long life
 Homogenizes most samples - Bacteria/yeast cells, Plant and Animal and Bone Tissues
 Design ensure lesser heat generation and is convenient to load/unload samples
 Can process upto 24 samples of 2 ml OR upto 12 samples of 5 ml
 User programmable - user can save and run upto 99 user defined programs
 Integrated lid lock for preventing lid from opening during run
 Easy user interface with Large digital display
 Variable cyclic intervals for effective homogenization
 Includes any 1 Sample holding plate (1/5/2 ml OR the 5 ml plate)
Standard Accessories included: (Select any one sample place holder from below while ordering)

KN-CH01-AT1

Sample place holder & lid for 24 x 1.5/2 ml

KN-CH01-AT2

Sample place holder & lid for 12 x 5 ml (Will be introduced shortly)



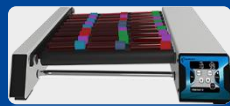
iRupt Jr. KN- Homogenizer

iRupt Jr. KN

Can process upto 3 samples of 2 ml
 Powerful motor for optimum output
 Homogenizes - Bacteria/yeast cells, Plant and Animal and Bone Tissues samples
 Design ensure lesser heat generation and is convenient to load/unload samples
 Agitation speed range from 2800-4000
 Integrated lid lock for preventing lid from opening during run
 Easy user interface with Large digital display
 Variable cyclic intervals for effective homogenization through pulse mode



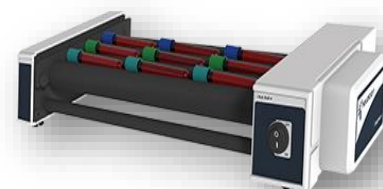
	Optional Accessories (common for iRupt 24P KN & iRupt Jr. KN models)	Pack size
KN-CH01-A01	2 ml Tube (non-sterile)	1000
KN-CH01-A02	φ0.4-0.6 mm Glass Beads	200 gms
KN-CH01-A03	φ0.8-1.2 mm Glass Beads	200 gms
KN-CH01-A04	φ2.5-3.0 mm Glass Beads	200 gms
KN-CH01-A05	φ1.0-1.2 mm Zirconium (94%) Beads	200 gms
KN-CH01-A06	φ1.4-1.7 mm Zirconium (94%) Beads	200 gms
KN-CH01-A10	φ2.6-3.3 mm Zirconium (94%) Beads	200 gms
KN-CH01-A11	φ2mm SS Beads	200 gms
KN-CH01-A12	φ3 mm SS Beads	200 gms



Rollers

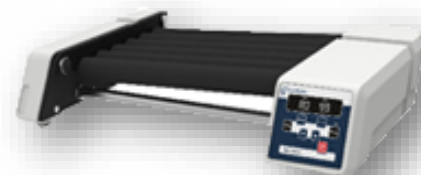
iRoll KN-RnR4 - Basic Tube Roller with 4 rollers

- iRoll KN-RnR4**
- AC synchronous motor for noiseless operation.
 - Gentle Rocking & Rolling motion for better hominization
 - Fixed speed of 30 RPM with speed accuracy of +/- 2 RPM
 - Continuous / infinite mode of operation
 - Tool free removable rollers for easy cleaning
 - Tilt angle of +/- 3°
 - Adjustable rollers spacing to hold different diameter tubes
 - Robust construction for stable operation



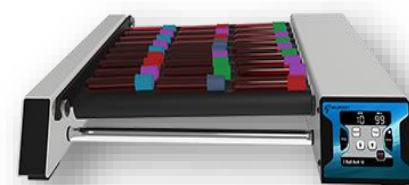
iRoll KN-RnR6 - Digital Tube Roller with 6 rollers

- iRoll KN-RnR6**
- BLDC motor for maintenance free long life & silent operation
 - Digital display with programming feature (user can set upto 9 programs)
 - Gentle Rocking & Rolling motion for better hominization
 - Speed setting from 10 to 80 RPM
 - Timer setting from 1 to 99 mins with Infinite mode
 - Pulse mode feature – For optimum mixing
 - Easy tool free remove rollers - for easy cleaning
 - Max loading Capacity of 2 kg - fits more tubes of various sizes



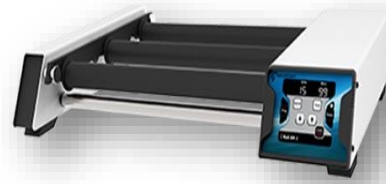
iRoll KN-RnR10 - Digital Tube Roller with 10 rollers

- iRoll KN-RnR10**
- BLDC motor for maintenance free long life & silent operation
 - Digital display with programming feature (user can set upto 9 programs)
 - Gentle Rocking & Rolling motion for better hominization
 - Speed setting from 10 to 80 RPM
 - Timer setting from 1 to 99 mins with Infinite mode
 - Easy tool free remove rollers - for easy cleaning
 - Pulse mode feature – For optimum mixing
 - Max loading Capacity of 2 kg - fits more tubes of various sizes



iRoll KN-BR3 - Digital Bottle Roller (2 position)

- iRoll KN-BR 3**
- BLDC motor for maintenance free long life
 - Digital display for ease of operation
 - 2 Position Bottle roller: Smooth Rolling motion for effective mixing
 - Speed setting from 1 to 15 RPM
 - Timer setting from 1 to 99 mins with Infinite mode
 - Closed loop operation for exact speed control under varied load conditions
 - Robust construction for stable operation



iRoll KN-BR5 - Digital Tube roller (4 position)

- iRoll KN-BR 5**
- BLDC motor for maintenance free long life
 - Digital display for ease of operation
 - 4 Position Bottle roller: Smooth Rolling motion for effective mixing
 - Speed setting from 3 to 45 RPM
 - Timer setting from 1 to 99 mins with Infinite mode
 - Removable rollers allow mixing of small and large bottle
 - Robust construction for stable operation





Rotators

iRoll KN-DR 16 - Basic Disc Rotator

iRoll KN-DR 16

AC synchronous motor for noiseless operation
Gentle Rolling motion for better hominization
Fixed speed of 30 RPM with speed accuracy of +/-2 RPM
Continuous / infinite mode of operation
Adjustable rollers spacing to hold different diameter tubes
Tilt angle of 38°
Accommodates upto 4 ESR Tubes & 12 Blood collection tubes
Robust construction for stable operation



iRoll KN-DR 24 - Digital Disc Rotator

iRoll KN-DR 24

Digital display with programming feature (user can set upto 9 programs)
Speed setting from 10 to 80 RPM & timer upto 99 mins & infinite
Timer setting from 1 to 99 mins with Infinite mode
Pulse mode feature – For optimum mixing
Max loading Capacity of 2 kg - fits more tubes of various sizes
Robust construction for stable operation
Standard Accessories included:
1 Disk attachment along with clamps (**Select 1 from below while ordering**)



Sr No.	Model No.	Disc Options for iRoll DR 24
1	KN-D1-50	Disk: 12 x 50 ml tubes along with 12 pcs of C50 clamps
2	KN-C50	50 ml tube clamp, suitable for D1-50, if ordered additionally
3	KN-D2-15	Disk: 24 x 15 ml tubes along with 24 pcs of C15 clamps
4	KN-C15	15 ml tube clamp, suitable for D2-15, if ordered additionally
5	KN-D3-05	Disk: 44 x 2ml tubes along with 44 pcs of C05 clamps
6	KN-C05	5 ml /2 ml tube clamp, suitable for D5-05, if ordered additionally



iRoll KN-PR22 - Plate Rotator

- iRoll KN-PR22**
- AC synchronise motor for noiseless operation
 - Robust construction with strong metal design
 - Fixed RPM of 30 with ± 2 RPM of accuracy
 - Maximum loading capacity of 1kg
 - Continuous & infinite mode of operation
 - Easy to remove and install plates for replacement and cleaning
 - Standard Accessories included:
 - 1 Plate attachment along with clamps (**Select 1 from below while ordering**)



Sr No.	Model No.	Plate Options for iRoll PR22
1	KN-P4-12	Plate: 12 x 15ml + 4x50 ml
2	KN-C50	50 ml tube clamp, suitable for plate P4-12, if ordered additionally
3	KN-P5-22	Plate: 22 x 15 ml
4	KN-C15	15 ml tube clamp, suitable for plate P4-12 & p5-22, if ordered additionally



iRoll KN-PR35 - Digital Plate Rotator

iRoll KN-PR 35

Microprocessor controlled with digital display
Speed setting from 10 to 80 RPM with increment of 1 RPM
Timer setting from 1 to 99 mins with Infinite mode
Disc plate can adjust from 0 to 90 Degrees
Pulse mode -alternating clockwise & anticlockwise motion with 2 sec stop
Max loading Capacity of 2 kg - fits more tubes of various sizes
Robust construction for stable operation

Standard Accessories included:

1 Plate attachment along with clamps (**Select 1 from below while ordering**)



Sr No.	Model No.	Plate Options for iRoll PR35
1	KN-P1-50	Plate: 16 x 50 ml tubes along with 16pcs of C50 clamps
2	KN-C50	50 ml tube clamp, suitable for plate P1-50, if ordered additionally
3	KN-P2-15	35 x 15 ml tubes along with 35 pcs of C15 clamps
4	KN-C15	15 ml tube clamp, suitable for plate P2-15, if ordered additionally
5	KN-P3-05	55 x 2 ml / 5 ml tubes along with 55pcs of C5 clamps
6	KN-C5	2 ml / 5 ml tube clamp, suitable for plate P3-05, if ordered additionally



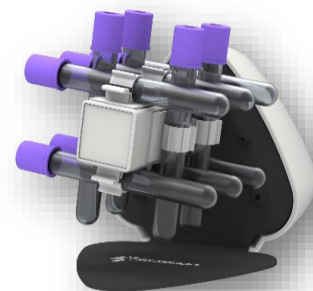
iRoll Jr. KN- Mini Tube Rotator

iRoll Jr KN

Tiny footprint - saves valuable bench space
Can accommodate upto 10 tubes of 6ml
AC synchronous motor for silent operation
Fixed speed of 30 RPM with speed accuracy of ± 2 RPM
Circular motion gives gentle and effective mixing
Continuous / infinite mode of operation
Available with Optional attachments
IP 21 class protection

KN-TR01-A1

Standard Accessories: 10 position clamps for 6ml tubes





Thaw Station

iThaw KN-VT (Thaw Station)

iThaw KN-VT

Quick and safe ambient temperature in less time
 Save upto 13 to 30 minutes (based on cooling temp, type of plate & setting)
 Even airflow under the entire Microplate
 Can accommodate different types for Microplates / Culture plates
 Available in fixed and adjustable flow versions
 Universal power supply - can be used with 110- 220 V, 50-60 Hz
 Comes with interchangeable plug pins (electrical pins for UK/EU/US)



Dry Bath

iTherm KN-D150-2 - Dry Bath

iTherm KN-D150-2

Dry heating with temp setting from Amb +5 to 120 deg C
 Rapid heating and constant temperature across the block
 Digital Display for Temp and Run time - 1 min too 99.59 hrs + infinite mode Timer
 Programming feature - allows user to set upto 99 user defined programs (protocols)
 Aluminium blocks, resistant to Chemical spillage and temperature shocks
 Various types of Tube capacity
 Corrosion free SS top plate and heating wells

Standard Accessories included:

1 block of 28 x 1.5/2 ml + 1 Hybrid Block (9 x 1.5/2ml, 32 x 0.2 ml & 20 x 0.5 ml tubes)
 PT 1000 Temperature Probe
 Block Lifter

Optional Accessories:

KN-DB01-B2 block for micro tubes (28 x 1.5/ 2 mL)
KN-DB01-B1 Hybrid Block (9 x 1.5/2ml, 32 x 0.2 ml & 20 x 0.5 ml tubes)
KN-DB01-B3 15 ml Block
KN-DB01-B4 50 ml Block





Stirrers

iStir Uno KN- Motor less Magnetic Stirrer (Ultra slim)

iStir Uno KN

Motor less - truly maintenance free with no moving parts
Speed setting from 15 to 1500 RPM with digital display
Compact design - low aspect ratio - just 13.4 mm thick
Microprocessor controlled gradual speed acceleration
Pulse mode feature - changes direction for proper mixing result
Stainless Steel top surface for corrosion resistance
IP 65 protected design
Timer setting feature from 1 to 99 mins & infinite mode
800 ml capacity - suitable for stirrer bar upto 25 mm length

Standard Accessories included:

1 high strength Magnetic Stir Bar (25 x 8 mm)

Optional Accessories

KN-MS01-B1

Stir Bars (25 x 8 mm): 100 units per Pack



iStir Quattro KN– Motor less Magnetic Stirrer

Motor less - truly maintenance free with no moving parts
Compact design - low aspect ratio - just 13.4 mm thick
Speed setting from 15 to 1200 RPM with digital display
Microprocessor controlled gradual speed acceleration
Pulse mode feature - changes direction for proper mixing result
Stainless Steel top surface for corrosion resistance
IP 65 protected design
Timer setting feature from 1 to 99 mins & infinite mode
1600 ml capacity - suitable for stirrer bar upto 25 mm length

Standard Accessories included:

4 high strength Magnetic Stir Bar (25 x 8 mm)

Optional Accessories

MS01-B1

Stir Bars (25 x 8 mm): 100 units per Pack



iStir UNO+ KN - Slim High Capacity Stirrer

Slim (29 mm only) single position Stirrer with 10 ltr capacity
Brushless DC motor for maintenance free long life
Set speeds from 200 RPM to 2200 RPM and Timer upto 999 min
Pulse mode for CW & CCW direction change for thorough mixing
Microprocessor controlled with gradual acceleration
Corrosion resistant Stainless-Steel Top surface
IP 44 class ingress protection (spill safe)
Last run Memory feature
Standard Accessories included:
Supplied with 1 High Strength Stir bar (35 mm)
Optional Accessories
Stir Bar: 35 mm length



iStir Quattro+ KN- Slim Motorized Multi-Position Stirrer

Slim 4 position Stirrer with 1 litre per station capacity (Total 4 Lt)
Brushless DC motor for maintenance free long life
Set speeds from 200 RPM to 1500 RPM and Timer upto 999 min
Pulse mode for CW & CCW direction change for thorough mixing
Microprocessor controlled with gradual acceleration
Corrosion resistant Stainless-Steel Top surface
IP 44 class ingress protection (spill safe)
Last run Memory feature

Standard Accessories included:

Supplied with 4 High Strength Stir bar (35 mm)

Optional Accessories

Stir Bar: 35 mm length



iStir Penta+ KN- Slim profile High Capacity Multi-Position Stirrer

Slim 5 position Stirrer with 2 litre per station capacity (Total 10 L)
Brushless DC motor for maintenance free long life
Set speeds from 100 RPM to 2200 RPM at every 10 RPM
Long Timer upto 99 hrs 59 min and infinite mode
Pulse mode for CW & CCW direction change for thorough mixing
Microprocessor controlled with gradual acceleration
Corrosion resistant Stainless-Steel Top surface
Last run Memory feature

IP 42 class ingress protection (spill safe)

Standard Accessories included:

Supplied with 5 High Strength Stir bar (35 mm)

Optional Accessories

Stir Bar: 35 mm length



iStir HP KN 5M – 5 position Hot Plate Stirrer

BLDC motor for maintenance free long life
Digital display for ease of operation
Temperature range from ambient to 120 ° C
Speed setting from 300 to 1500 RPM
Consistent synchronized Stirring across all positions
Maximum capacity of 2 litres – 5 x 400 ml
Timer setting from 1 to 999 minutes & infinite mode
Pulse mode feature for vigorous mixing
Superior safety with waterproof heater within built cut-off

Standard Accessories included:

1 high strength Magnetic Stir Bar (25 x 8 mm)

Optional Accessories

Stir Bars (25 x 8 mm): 100 units per Pack



iStir HP KN 10M - 10 position Hot Plate Stirrer

- iStir HP KN-10M** BLDC motor for maintenance free long life
Digital display for ease of operation
Temperature range from ambient to 120 ° C
Speed setting from 300 to 1500 RPM
Consistent synchronized Stirring across all positions
Maximum capacity of 4 litres - 10 x 400 ml
Timer setting from 1 to 999 minutes & infinite mode
Pulse mode feature for vigorous mixing
Superior safety with waterproof heater within built cut-off
- Standard Accessories included:**
1 high strength Magnetic Stir Bar (25 x 8 mm)
- Optional Accessories**
KN-MS01-B1 Stir Bars (25 x 8 mm): 100 units per Pack



iStir HP KN-15M - 15 position Hot Plate Stirrer

- iStir HP KN-15M** BLDC motor for maintenance free long life
Digital display for ease of operation
Temperature range from ambient to 120 ° C
Speed setting from 300 to 1500 RPM
Consistent synchronized Stirring across all positions
Upto 15 samples at once - Max. capacity of 6 litres - 15 x 400 ml
Timer setting from 1 to 999 minutes & infinite mode
Pulse mode feature for vigorous mixing
Superior safety with waterproof heater within built cut-off
- Standard Accessories included:**
1 high strength Magnetic Stir Bar (25 x 8 mm)
- Optional Accessories**
KN-MS01-B1 Stir Bars (25 x 8 mm): 100 units per Pack



iStir KN-5M - 5 position Stirrer

- Consistent synchronized Stirring across all positions
BLDC motor for maintenance free long life
Digital display for ease of operation
Speed setting from 300 to 1500 RPM
Maximum capacity of 2 litres - 5 x 400 ml
Timer setting from 1 to 999 minutes & infinite mode
Programmable Pulse mode feature for vigorous mixing
IP 42 protected design. Closed design allows easy cleaning & avoids penetration of liquids
- Standard Accessories included:**
1 high strength Magnetic Stir Bar (25 x 8 mm)
- Optional Accessories**
Stir Bars (25 x 8 mm): 100 units per Pack



iStir KN-10M - 10 position Stirrer

Consistent synchronized Stirring across all positions
BLDC motor for maintenance free long life
Digital display for ease of operation
Speed setting from 300 to 1500 RPM
Maximum capacity of 4 litres - 10 x 400 ml
Timer setting from 1 to 999 minutes & infinite mode
Programmable Pulse mode feature for vigorous mixing
IP 42 protected design
Closed design allows easy cleaning & avoids penetration of liquids

Standard Accessories included:

1 high strength Magnetic Stir Bar (25 x 8 mm)

Optional Accessories

Stir Bars (25 x 8 mm): 100 units per Pack



iStir KN-15M - 15 position Stirrer

Consistent synchronized Stirring across all positions
BLDC motor for maintenance free long life
Digital display for ease of operation
Speed setting from 300 to 1500 RPM
Maximum capacity of 4 litres - 15 x 400 ml
Timer setting from 1 to 999 minutes & infinite mode
Programmable Pulse mode feature for vigorous mixing
IP 42 protected design
Closed design allows easy cleaning & avoids penetration of liquids

Standard Accessories included:

1 high strength Magnetic Stir Bar (25 x 8 mm)

Optional Accessories

Stir Bars (25 x 8 mm): 100 units per Pack



iStir KN-MS10 - Magnetic Stirrer

Noiseless and powerful motor - can stir upto 10 Lt media
Digital display for ease of operation
Speed setting from 200 to 2200 RPM
Maximum capacity of 10 litres with large base for vessel
Timer setting upto 999 minutes & infinite mode
Programmable Pulse mode feature for vigorous mixing
IP 42 protected design
Stainless Steel top surface for corrosion resistance
Closed design allows easy cleaning & avoids penetration of liquids

Standard Accessories included:

1 high strength Magnetic Stir Bar (25 x 8 mm)

Optional Accessories

Stir Bars (25 x 8 mm): 100 units per Pack



iStir KN-MS10a - Magnetic Stirrer

- iStir KN-MS10a** Noiseless and powerful brushless DC motor
Variable Speed setting from 200 to 2200 RPM
can stir upto 10 Lt media
Stainless Steel top surface for corrosion resistance
closed design allows easy cleaning & protects the equipment from accidental spills
comes with non-slip strength rubber feet for maximum stability at high speeds
small footprint saves valuable bench space
comes with an IP42 class compliant rating for unmatched durability

Standard Accessories included:

- 1 high strength Magnetic Stir Bar (25 x 8 mm)

Optional Accessories

- KN-MS01-B1** Stir Bars (25 x 8 mm): 100 units per Pack



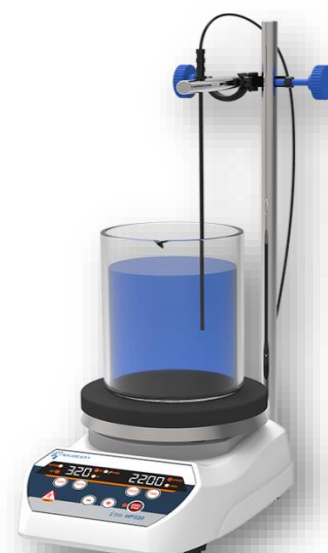
iStir HP KN-320 - Digital Hot Plate Stirrer - upto 320°C

- 3 Top plate Options (Ceramic Coated, Stainless Steel or Aluminum)-**Select any 1**
Powerful Motor for upto 10 Lt stirring capacity
Temperature range from ambient to 320 ° C
Speed setting from 200 to 2200 RPM steps of +- 10 RPM
Run time - 1 to 999 minutes and infinite mode
Max loading Capacity of 10 litres
Microprocessor controller with last run memory feature
Large and clear display for critical parameters for easy reading

Standard Accessories included:

- 1 high strength Magnetic Stir Bar (25 x 8 mm)
Temperature sensor probe PT 1000
Support stand with boss head clamp for PT 1000 sensor probe

Optional Accessories (common for iStir HP 320 & iStir HP320a)



iStir HP KN-320a -Analog Hot Plate Stirrer - upto 320°C

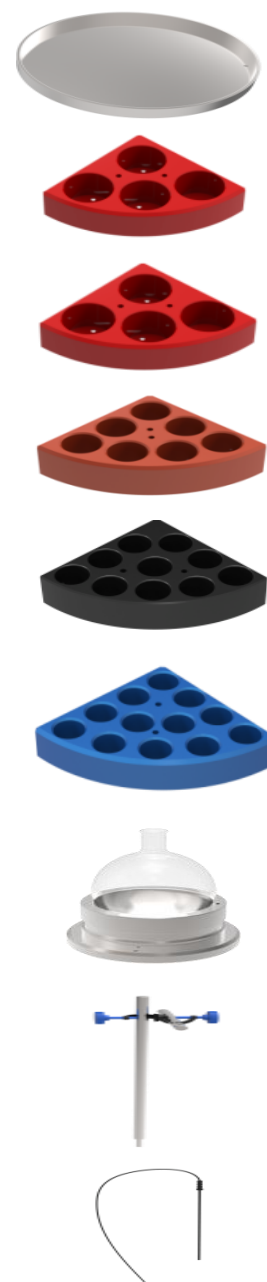
- iStir HP KN-320a** Chemical resistant ceramic coated SS top
Powerful DC Motor for upto 10 Lt Stirring capacity
Temperature range from ambient to 320 ° C
Speed setting from 200 to 2200 RPM
2 separate knobs for easy setting of Speed & temperature
Standard Accessories included:

- KN-HS20-B1** 1 high strength Magnetic Stir Bar (25 x 8 mm)

Optional Accessories (common for iStir HP 320 & iStir HP320a)



Sr no.	Model No.	Optional Accessories for iStir HP 320 & iStir HP320a models
	KN-QP	Carrying plate
	KN-Q20	Quarter reaction block- 4 Position x 20ml suitable with QP carrying plate
	KN-Q30	Quarter reaction block- 4 position x 30ml suitable with QP carrying plate
	KN-Q16	Quarter reaction block- 7 position x 16ml suitable with QP carrying plate
	KN-Q8	Quarter reaction block - 10 position x 8ml suitable with QP carrying plate
	KN-Q4	Quarter reaction block- 12 position x 4ml suitable with QP carrying plate
	KN-RB500	500ml reaction block - (also available for smaller reaction vessels)
	KN-S2	Support stand with boss head clamp for PT 1000 sensor probe (only for iStir HP320)
	KN-T2	PT 1000 sensor (only for iStir HP320)
	KN-MS01- B1	Stir Bars (25 x 8 mm): 100 units per Pack



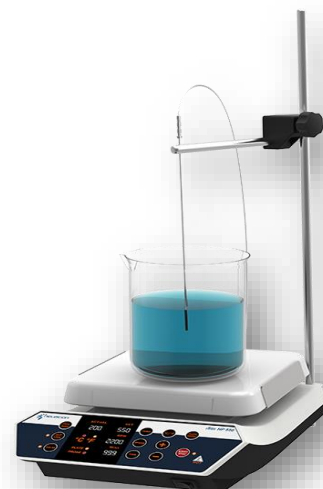
iStir HP KN-350 - Hot Plate Stirrer - upto 350 °C

- iStir HP KN-350**
- Powerful BLDC motor for maintenance free long life
 - Temperature range from ambient to 350 °C
 - Speed setting from 200 to 2200 RPM
 - Max loading Capacity of 20 litres
 - Easy to operate interface with independent control with no shared display
 - Chemical resistant nano crystal glass ceramic top plate
 - User Programmable – allows setting upto 99 user defined programs
 - 3 heating modes selection for rapid, gradual & accurate heating as per need
 - Pulse mode Clockwise-Counter-clockwise interchange
 - Hot surface warning & Error indication features
- Standard Accessories included:**
- 1 high strength Magnetic Stir Bar (25 x 8 mm)
- Optional Accessories** (common for HP 350 & HP 550)



iStir HP KN-550 - Hot Plate Stirrer - upto 550 °C

- Powerful BLDC motor for maintenance free long life
 - Temperature range from ambient to 550 °C
 - Speed setting from 200 to 2200 RPM
 - Max loading Capacity of 20 litres
 - Easy to operate interface with independent control with no shared display
 - Chemical resistant nano crystal glass ceramic top plate
 - User Programmable – allows setting upto 99 user defined programs
 - 3 heating modes selection for rapid, gradual & accurate heating as per need
 - Pulse mode Clockwise-Counter-Clockwise interchange
 - Hot surface warning & Error indication features
- Standard Accessories included:**
- 1 high strength Magnetic Stir Bar (25 x 8 mm)
- Optional Accessories** (common for HP 350 & HP 550)



Sr no.	Model No.	Common optional accessories for HP 350 & HP 550
1	KN-T1	Temperature sensor probe PT 1000
2	KN-S1	Support stand with boss head clamp for PT 1000 sensor probe
3	KN-R1	Remote pendant control - (Will be introduced soon)
4	KN-I1	Immersion stirrer assembly
5	KN-MS01-B1	Stir Bars (25 x 8 mm): 100 units per Pack



iStir KN 25L - High Capacity Stirrer

iStir KN 25L

Capacity of upto 25 litres
 BLDC motor for maintenance free long life
 Digital display for ease of operation
 Speed setting from 200 to 2200 RPM
 Stainless Steel set up area for better corrosion resistance
 Timer setting upto 999 minutes & infinite mode
 Programmable Pulse mode feature for vigorous mixing
 IP 42 class ingress protection
 Closed design allows easy cleaning and avoids penetration of liquids

KN-MS01-B1

Stir Bars (25 x 8 mm): 100 units per Pack

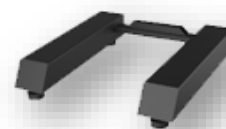


iStir KN 50L - High Capacity Stirrer

- iStir KN 50L**
- Capacity of upto 50 litres
 - BLDC motor for maintenance free long life
 - Digital display for ease of operation
 - Speed setting from 100 to 1000 RPM with accuracy of 10 RPM
 - Stainless Steel set up area for better corrosion resistance
 - Timer setting upto 99 hours & 59 minutes
 - Selectable acceleration rates (A1 to A9)
 - Programmable Pulse mode feature for vigorous mixing
 - IP 21 class ingress protection
 - Closed design allows easy cleaning and avoids penetration of liquids

Standard Accessories included:

- KN SF** Support Frame
- KN R1** Remote pendant
- KN B2** Stir bar for 50L length 80 mm

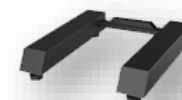


iStir KN 200 L - High Capacity Stirrer

- iStir KN 200L**
- Capacity of upto 200 litres
 - BLDC motor for maintenance free long life
 - Stainless Steel set up area for better corrosion resistance
 - Speed setting from 100 to 600 RPM with accuracy of 10 RPM
 - Timer setting upto 99 hours & 59 minutes
 - Selectable acceleration rates (A1 to A9)
 - Programmable Pulse mode feature for vigorous mixing
 - IP 21 class ingress protection
 - Closed design allows easy cleaning and avoids penetration of liquids

Standard Accessories included:

- KN SF** Support Frame
- KN R1** Remote pendant
- KN B3** Stir bar for 200L length 100 mm



iStir KN Prime overhead stirrer

iStir KN Prime Series Overhead Stirrer

Powerful BLDC motor for maintenance free long life torque upto 40Ncm
Speed setting from 50 upto 2000 RPM
Max loading Capacity upto 40 litres
Easy to operate interface with independent control with no shared display
viscosity upto 30000 mPas
smart controlled operation
timer upto 99 hours and 59 minutes and infinite operation mode
Clockwise-Counter-Clockwise interchange
power intermittent mode
The Stand, Boss head & Impeller needs to be purchased separately.
(refer below)

iStir KN OH 8P

8 Ncm, 10 litre capacity, upto 2000 RPM, 4000 mPas

iStir KN OH 15P

15 Ncm, 20 litre capacity, upto 1000 RPM, 8000 mPas

iStir KN OH 20P

20 Ncm, 25 litre capacity, upto 2000 RPM, 10000 mPas

iStir KN OH 40P

40 Ncm, 40 litre capacity, upto 1000 RPM, 30000 mPas



iStir Elite overhead stirrer

iStir KN Elite Series Overhead Stirrer

Powerful BLDC motor for maintenance free long life torque upto 100Ncm
Speed setting from 50 upto 2000 RPM
Max loading Capacity upto 100 litres
Easy to operate interface with independent control with no shared display
viscosity upto 70000 mPas
smart controlled operation
timer upto 99 hours and 59 minutes and infinite operation mode
Clockwise-Counter-Clockwise interchange
power intermittent mode
The Stand, Boss head & Impeller needs to be purchased separately.
(refer below)



iStir KN OH 50E

50 Ncm, 50 litre capacity, upto 2000 RPM, 30000 mPas

iStir KN OH 75E

75 Ncm, 75 litre capacity, upto 2000 RPM, 50000 mPas



iStir KN OH 100E

100 Ncm, 100 litre capacity, upto 1300 RPM, 70000 mPas

iStir KN Elite+ overhead stirrer - coming soon

iStir KN Elite+ Series Overhead Stirrer

Powerful BLDC motor for maintenance free long life
torque upto 100Ncm
Speed setting from 50 upto 2000 RPM
Max loading Capacity upto 100 litres
Easy to operate interface with independent control with no shared display
viscosity upto 70000 mPas
smart controlled operation
timer upto 99 hours and 59 minutes and infinite operation mode
Clockwise-Counter-Clockwise interchange
power intermittent mode
torque display (trend)
temperature detection
USB port
remote control
The Stand, Boss head & Impeller needs to be purchased separately. (refer below)



iStir KN OH 50E+

50 Ncm, 50 litre capacity, upto 2000 RPM, 30000 mPas-Will be introduced soon



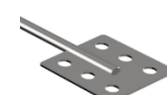
iStir KN OH 75E+

75 Ncm, 75 litre capacity, upto 2000 RPM, 50000 mPas -Will be introduced soon

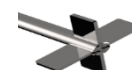
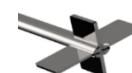
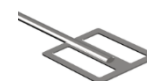
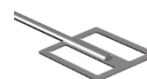
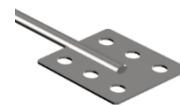
iStir KN OH 100E+

100 Ncm, 100 litre capacity, upto 1300 RPM, 70000 mPas- Will be introduced soon

Overhead stirrer Accessories		
CAT#	Shaft Length	Impeller Name
	250mm	Cross-Welded Impeller_50 x 12 x 250 mm
KN OHA-R01	350mm	Cross-Welded Impeller_50 x 12 x 350 mm
KN OHS-R02	350mm	Straight Blade Impeller_35 x 12 x 350 mm
KN OHS-R03	550mm	Straight Blade Impeller_50 x 12 x 550 mm
KN OHS-R05	550mm	Pivoting Blade Impeller_60 x 15 x 550 mm
KN OHS-R07	550mm	Collapsible Blade Impeller_550 mm
KN OHS-T02	550mm	Square Blade Impeller_38 x 38 x 550 mm
KN OHS-T03	800mm	Square Blade Impeller_70 x 70 x 800 mm
KN OHS-T05	550mm	Anchor Blade Impeller_50 x 50 x 550 mm
KN OHS-T06	800mm	Anchor Blade Impeller_100 x 100 x 800 mm
KN OHS-T08	550mm	Paddle Blade Impeller_70 x 70 x 550mm



Overhead stirrer Accessories		
CAT#	Shaft Length	Impeller Name
KN OHS-T09	800mm	Paddle Blade Impeller_70 x 70 x 800mm
KN OHS-T10	550mm	Paddle Blade Impeller_70 x 80 x 550 mm
KN OHS-T11	800mm	Paddle Balde Impeller_70 x 80 x 800 mm
KN OHS-A01	350mm	A01 Propeller Impeller_50 x 8 x 350 mm
KN OHS-A02	550mm	A02 Propeller Impeller_100 x 8 x 550 mm
KN OHS-A03	800mm	A03 Propeller Impeller_130 x 8 x 800 mm



Overhead stirrer Accessories		
Sr. No.	Stand Name	
1	KN-OHS1-PS-560	Plate Stand 220 mm x 320 mm with rod height of 575 mm (Max. load 5 Lt)
2	KN-OHS1-PS-800	Plate Stand 220 mm x 320 mm with rod height of 825 mm (Max. load 5 Lt)
3	KN-OHS1-PS-1000	Plate Stand 220 mm x 320 mm with rod height of 1025 mm (Max. load 5 Lt)
4	KN-OHS1-PBH	Boss head Clamp for plate stand (common for all rod lengths)
5A	KN-OHS-HS	H Stand 500 x 450 x 1020 mm without boss head clamp
5B	KN-OHS-HBH	Boss head Clamp for H-Stand
6	KN-OHS-C1	Chuck





Pipettes



Variable Volume Micropipette

Cat. No.	Volume Range [μl]	Increments [μl]
KA-VA-125	0.1-2.5	0.01
KA-VA-100	0.5-10	0.1
KA-VA-200	5-50	0.5
KA-VA-300	50-200	1
KA-VA-400	200-1000	5
KA-VA-500	10-100	0.5
KA-VA-600	100-1000	5
KA-VA-700	2-20	0.1
KA-VA-800	20-200	1
KA-VA-900	1000-5000	50
KA-VA-905	500-5000	50
KA-VA-1000	1000-10000	100
KA-VA-1005	500-10000	100



Fix Volume Micropipette

Cat. No.	Volume [μl]
KA-FA-205	2.5
KA-FA-5	5
KA-FA-10	10
KA-FA-20	20
KA-FA-25	25
KA-FA-50	50
KA-FA-100	100
KA-FA-200	200
KA-FA-250	250
KA-FA-500	500
KA-FA-1000	1000
KA-FA-2000	2000
KA-FA-5000	5000
KA-FA-10000	10000



8 Channel Micropipette		
Cat. No.	Volume Range [μl]	Increments [μl]
KA-MA-050	5 - 50 μl	0.5
KA-MA-100	10 - 100 μl	0.5
KA-MA-200	20 - 200 μl	0.5
KA-MA-300	30 - 300 μl	1.0
KA-MA-010	0.5 - 10 μl	0.1

12 Channel Micropipette		
Cat. No.	Volume Range [μl]	Increments [μl]
KA-MA12-050	5 - 50 μl	0.5
KA-MA12-100	10 - 100 μl	0.5
KA-MA12-200	20 - 200 μl	0.5
KA-MA12-300	30 - 300 μl	1.0
KA-MA12-010	0.5 - 10 μl	0.1

PRO Variable Volume Micropipette		
Cat. No.	Volume Range [μl]	Increments [μl]
KA-VAP-125	0.1-2.5	0.01
KA-VAP-100	0.5-10	0.1
KA-VAP-200	5-50	0.5
KA-VAP-300	50-200	1
KA-VAP-400	200-1000	5
KA-VAP-500	10-100	0.5
KA-VAP-600	100-1000	5
KA-VAP-700	2-20	0.1
KA-VAP-800	20-200	1
KA-VAP-900	1000-5000	50
KA-VAP-905	500-5000	50
KA-VAP-1000	1000-10000	100
KA-VAP-1005	500-10000	100



PRO Fix Volume Micropipette	
Cat. No.	Volume [μ l]
KA-FAP-205	2.5
KA-FAP-5	5
KA-FAP-10	10
KA-FAP-20	20
KA-FAP-25	25
KA-FAP-50	50
KA-FAP-100	100
KA-FAP-200	200
KA-FAP-250	250
KA-FAP-500	500
KA-FAP-1000	1000
KA-FAP-2000	2000
KA-FAP-5000	5000
KA-FAP-10000	10000



PRO 8 Channel Micropipette		
Cat. No.	Volume Range [μ l]	Increments [μ l]
KA-MAP-050	5 - 50 μ l	0.5
KA-MAP-100	10 - 100 μ l	0.5
KA-MAP-200	20 - 200 μ l	0.5
KA-MAP-300	30 - 300 μ l	1.0
KA-MAP-010	0.5 - 10 μ l	0.1



PRO 12 Channel Micropipette		
Cat. No.	Volume Range [μ l]	Increments [μ l]
KA-MAP12-050	5 - 50 μ l	0.5
KA-MAP12-100	10 - 100 μ l	0.5
KA-MAP12-200	20 - 200 μ l	0.5
KA-MAP12-300	30 - 300 μ l	1.0
KA-MAP12-010	0.5 - 10 μ l	0.1



Fully Autoclavable Variable Volume Micropipette		
Cat. No.	Volume Range [μl]	Increments [μl]
KA-AV-100	0.5-10	0.1
KA-AV-200	5-50	0.5
KA-AV-300	50-200	1
KA-AV-400	200-1000	5
KA-AV-500	10-100	0.5
KA-AV-600	100-1000	5
KA-AV-700	2-20	0.1
KA-AV-800	20-200	1
KA-AV-900	1000-5000	50
KA-AV-905	500-5000	50
KA-AV-1000	1000-10000	100
KA-AV-1005	500-10000	100



Fully Autoclavable Fix Volume Micropipette	
Cat. No.	Volume [μl]
KA-AF-5	5
KA-AF-10	10
KA-AF-20	20
KA-AF-25	25
KA-AF-50	50
KA-AF-100	100
KA-AF-200	200
KA-AF-250	250
KA-AF-500	500
KA-AF-1000	1000
KA-AF-2000	2000
KA-AF-5000	5000
KA-AF-10000	10000



Pipette Controller	
Cat. No.	Description
KA-PH01-R	Pipette Controller Red
KA-PH01-B	Pipette Controller Blue
KA-PH01-O	Pipette Controller Orange
KA-PH01-G	Pipette Controller Green





Micropipette Stand		
Cat. No.	Capacity	Material
KA-SAS-01	Carousel stand for 6 pipettes	
KA-SAS-02	Shelf mounting stand for pipette	
KA-SA - 100	Hold 4 pipettes VA - FA, AV - AF Series & VAP - FAP Series	
KA-SA - 200	Hold 6 pipettes VA - FA, AV - AF Series & VAP - FAP Series	





Electronic Pipette (Single Channel)

Cat. No.	Volume Range [μl]	Increments [μl]
KA-AE-10	0.5-10	0.010
KA-AE-100	5-100	0.100
KA-AE-200	10-200	0.100
KA-AE-1000	50-1000	1.000
KA-AE-5000	250-5000	5.000



Electronic Pipette (8 Channel)

Cat. No.	Volume Range [μl]	Increments [μl]
KA-AE-8-10	0.5-10	0.010
KA-AE-8-20	2-20	0.010
KA-AE-8-100	5-100	0.1
KA-AE-8-200	10-200	0.1
KA-AE-8-300	15-300	0.1



Electronic Pipette (12 Channel)

Cat. No.	Volume Range [μl]	Increments [μl]
KA-AE-12-10	0.5-10	0.010
KA-AE-12-20	2-20	0.010
KA-AE-12-100	5-100	0.1
KA-AE-12-200	10-200	0.1
KA-AE-12-300	15-300	0.1



Electronic Pipette Stand

Stand Type	
KA-AE-CS-01	Electronic Pipette Charging Stand
KA-AE-S-01	Acrylic Stand



UNIVERSAL TIPS

Graduated, Free from Dnase/ Rnase/ Pyrogen/ Endotoxin

CAT#	DESCRIPTION	PACKING	Qty / Pack	Quantity / Case
KA-AT-10-B	10µl Universal Grad tip	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10-S-B	10µl Universal Grad tip, Sterile	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10-F-B	10µl Universal Grad tip, Filter	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10-S-L-B	10µl Universal Grad tip, Sterile, Low retention	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10-S-F-B	10µl Universal Grad tip, Sterile, Filter	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10-S-L-F-B	10µl Universal Grad tip, Sterile, Low retention, Filter	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10-R	10µl Universal Grad tip	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10-S-R	10µl Universal Grad tip, Sterile	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10-F-R	10µl Universal Grad tip, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10-S-L-R	10µl Universal Grad tip, Sterile, Low retention	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10-S-F-R	10µl Universal Grad tip, Sterile, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10-S-L-F-R	10µl Universal Grad tip, Sterile, Low retention, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10-K	10µl Universal Grad tip	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10-S-K	10µl Universal Grad tip, Sterile	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10-S-L-K	10µl Universal Grad tip, Sterile, Low retention	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10-F-K	10µl Universal Grad tip, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10-S-F-K	10µl Universal Grad tip, Sterile, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10-S-L-F-K	10µl Universal Grad tip, Sterile, Low retention, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XL-B	10µl Long Universal Grad tip	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XL-S-B	10µl Long Universal Grad tip, 20µl capacity Sterile	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XL-F-B	10µl Long Universal Grad tip, 20µl capacity Filter	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XL-S-L-B	10µl Long Universal Grad tip, 20µl capacity Sterile, Low retention	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XL-S-F-B	10µl Long Universal Grad tip, 20µl capacity Sterile, Filter	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XL-S-L-F-B	10µl Long Universal Grad tip, 20µl capacity Sterile, Low retention, Filter	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XL-R	10µl Long Universal Grad tip	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XL-S-R	10µl Long Universal Grad tip, 20µl capacity Sterile	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs

UNIVERSAL TIPS

Graduated, Free from Dnase/ Rnase/ Pyrogen/ Endotoxin

CAT#	DESCRIPTION	PACKING	Qty / Pack	Quantity / Case
KA-AT-10XL-F-R	10µl Long Universal Grad tip, 20µl capacity Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XL-S-L-R	10µl Long Universal Grad tip, 20µl capacity Sterile, Low retention	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XL-S-F-R	10µl Long Universal Grad tip, 20µl capacity Sterile, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XL-S-L-F-R	10µl Long Universal Grad tip, 20µl capacity Sterile, Low retention, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XL-K	10µl Long Universal Grad tip	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XL-S-K	10µl Long Universal Grad tip, Sterile	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XL-S-L-K	10µl Long Universal Grad tip, Sterile, Low retention	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XL-F-K	10µl Long Universal Grad tip, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XL-S-F-K	10µl Long Universal Grad tip, Sterile, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XL-S-L-F-K	10µl Long Universal Grad tip, Sterile, Low retention, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XN-B	10µl Narrow Universal Grad tip	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XN-S-B	10µl Narrow Universal Grad tip, 20µl capacity Sterile	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XN-F-B	10µl Narrow Universal Grad tip, 20µl capacity Filter	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XN-S-L-B	10µl Narrow Universal Grad tip, 20µl capacity Sterile, Low retention	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XN-S-F-B	10µl Narrow Universal Grad tip, 20µl capacity Sterile, Filter	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XN-S-L-F-B	10µl Narrow Universal Grad tip, 20µl capacity Sterile, Low retention, Filter	Bulk	1000 tips	1000 tips X 40 packs
KA-AT-10XN-R	10µl Narrow Universal Grad tip	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XN-S-R	10µl Narrow Universal Grad tip, 20µl capacity Sterile	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XN-F-R	10µl Narrow Universal Grad tip, 20µl capacity Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XN-S-L-R	10µl Narrow Universal Grad tip, 20µl capacity Sterile, Low retention	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XN-S-F-R	10µl Narrow Universal Grad tip, 20µl capacity Sterile, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XN-S-L-F-R	10µl Narrow Universal Grad tip, 20µl capacity Sterile, Low retention, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XN-K	10µl Narrow Universal Grad tip	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs

UNIVERSAL TIPS				
Graduated, Free from Dnase/ Rnase/ Pyrogen/ Endotoxin				
CAT#	DESCRIPTION	PACKING	Qty / Pack	Qty / Case
KA-AT-10XN-S-K	10µl Narrow Universal Grad tip, Sterile	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XN-S-L-K	10µl Narrow Universal Grad tip, Sterile, Low retention	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XN-F-K	10µl Narrow Universal Grad tip, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XN-S-F-K	10µl Narrow Universal Grad tip, Sterile, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-10XN-S-L-F-K	10µl Narrow Universal Grad tip, Sterile, Low retention, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-20-F-B	20µl Universal Grad tip, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-20-S-F-B	20µl Universal Grad tip, Sterile, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-20-S-L-F-B	20µl Universal Grad tip, Sterile, Low retention, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-20-F-R	20µl Universal Grad tip, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-20-S-F-R	20µl Universal Grad tip, Sterile, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-20-S-L-F-R	20µl Universal Grad tip, Sterile, Low retention, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-20-F-K	20µl Universal Grad tip, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-20-S-F-K	20µl Universal Grad tip, Sterile, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-20-S-L-F-K	20µl Universal Grad tip, Sterile, Low retention, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-50-F-B	50µl Universal Grad tip, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-50-S-F-B	50µl Universal Grad tip, Sterile, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-50-S-L-F-B	50µl Universal Grad tip, Sterile, Low retention, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-50-F-R	50µl Universal Grad tip, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-50-S-F-R	50µl Universal Grad tip, Sterile, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-50-S-L-F-R	50µl Universal Grad tip, Sterile, Low retention, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-50-F-K	50µl Universal Grad tip, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-50-S-F-K	50µl Universal Grad tip, Sterile, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-50-S-L-F-K	50µl Universal Grad tip, Sterile, Low retention, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs

UNIVERSAL TIPS Graduated, Free from Dnase/ Rnase/ Pyrogen/ Endotoxin				
CAT#	DESCRIPTION	PACKING	Qty / Pack	Qty / Case
KA-AT-100-F-B	100µl Universal Grad tip, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-100-S-F-B	100µl Universal Grad tip, Sterile, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-100-S-L-F-B	100µl Universal Grad tip, Sterile, Low retention, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-100-F-R	100µl Universal Grad tip, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-100-S-F-R	100µl Universal Grad tip, Sterile, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-100-S-L-F-R	100µl Universal Grad tip, Sterile, Low retention, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-100-F-K	100µl Universal Grad tip, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-100-S-F-K	100µl Universal Grad tip, Sterile, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-100-S-L-F-K	100µl Universal Grad tip, Sterile, Low retention, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-B	200µl Universal Grad tip	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200-S-B	200µl Universal Grad tip, Sterile	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200-F-B	200µl Universal Grad tip, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200-S-L-B	200µl Universal Grad tip, Sterile, Low retention	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200-S-F-B	200µl Universal Grad tip, Sterile, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200-S-L-F-B	200µl Universal Grad tip, Sterile, Low retention, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200-R	200µl Universal Grad tip	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-S-R	200µl Universal Grad tip, Sterile	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-F-R	200µl Universal Grad tip, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-S-L-R	200µl Universal Grad tip, Sterile, Low retention	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-S-F-R	200µl Universal Grad tip, Sterile, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-S-L-F-R	200µl Universal Grad tip, Sterile, Low retention, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-K	200µl Universal Grad tip	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-S-K	200µl Universal Grad tip, Sterile	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs

UNIVERSAL TIPS Graduated, Free from Dnase/ Rnase/ Pyrogen/ Endotoxin				
CAT#	DESCRIPTION	PACKING	Qty / Pack	Qty / Case
KA-AT-200-S-L-K	200µl Universal Grad tip, Sterile, Low retention	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-F-K	200µl Universal Grad tip, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-S-F-K	200µl Universal Grad tip, Sterile, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-S-L-F-K	200µl Universal Grad tip, Sterile, Low retention, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200-S-W	200µl Universal Grad tip, Sterile (Individually Wrapped)	Individually Wrapped	400 tips / pack	2000 tips / case
KA-AT-200-S-L-W	200µl Universal Grad tip, Sterile, Low retention (Individually Wrapped)	Individually Wrapped	400 tips / pack	2000 tips / case
KA-AT-200XL-B	200µl Long Universal Grad tip, 300ul capacity	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200XL-S-B	200µl Long Universal Grad tip, 300ul capacity, Sterile	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200XL-F-B	200µl Long Universal Grad tip, 300ul capacity, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200XL-S-L-B	200µl Long Universal Grad tip, 300ul capacity, Sterile, Low retention	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200XL-S-F-B	200µl Long Universal Grad tip, 300ul capacity, Sterile, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200XL-S-L-F-B	200µl Long Universal Grad tip, 300ul capacity, Sterile, Low retention, Filter	Bulk	1000 tips	1000 tips X 20 packs
KA-AT-200XL-R	200µl Long Universal Grad tip, 300ul capacity	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200XL-S-R	200µl Long Universal Grad tip, 300ul capacity, Sterile	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200XL-F-R	200µl Long Universal Grad tip, 300ul capacity, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200XL-S-L-R	200µl Long Universal Grad tip, 300ul capacity, Sterile, Low retention	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200XL-S-F-R	200µl Long Universal Grad tip, 300ul capacity, Sterile, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200XL-S-L-F-R	200µl Long Universal Grad tip, 300ul capacity, Sterile, Low retention, Filter	Rack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200XL-K	200µl Long Universal Grad tip, 300ul capacity	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200XL-S-K	200µl Long Universal Grad tip, 300ul capacity, Sterile	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200XL-S-L-K	200µl Long Universal Grad tip, 300ul capacity, Sterile, Low retention	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200XL-F-K	200µl Long Universal Grad tip, 300ul capacity, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-200XL-S-F-K	200µl Long Universal Grad tip, 300ul capacity, Sterile, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs

UNIVERSAL TIPS				
Graduated, Free from Dnase/ Rnase/ Pyrogen/ Endotoxin				
CAT#	DESCRIPTION	PACKING	Qty / Pack	Qty / Case
KA-AT-200XL-S-L-F-K	200µl Long Universal Grad tip, 300ul capacity, Sterile, Low retention, Filter	Reloading Stack	10 X 96 tips / rack	96 tips X 10 racks X 10 packs
KA-AT-1000-B	1000µl Universal Grad tip	Bulk	1000 tips	1000 tips X 10 packs
KA-AT-1000-S-B	1000µl Universal Grad tip, Sterile	Bulk	1000 tips	1000 tips X 10 packs
KA-AT-1000-F-B	1000µl Universal Grad tip, Filter	Bulk	1000 tips	1000 tips X 10 packs
KA-AT-1000-S-L-B	1000µl Universal Grad tip, Sterile, Low retention	Bulk	1000 tips	1000 tips X 10 packs
KA-AT-1000-S-F-B	1000µl Universal Grad tip, Sterile, Filter	Bulk	1000 tips	1000 tips X 10 packs
KA-AT-1000-S-L-F-B	1000µl Universal Grad tip, Sterile, Low retention, Filter	Bulk	1000 tips	1000 tips X 10 packs
KA-AT-1000-R	1000µl Universal Grad tip	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000-S-R	1000µl Universal Grad tip, Sterile	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000-F-R	1000µl Universal Grad tip, Filter	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000-S-L-R	1000µl Universal Grad tip, Sterile, Low retention	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000-S-F-R	1000µl Universal Grad tip, Sterile, Filter	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000-S-L-F-R	1000µl Universal Grad tip, Sterile, Low retention, Filter	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000-K	1000µl Universal Grad tip	Reloading Stack	5 X 96 tips / rack	96 tips X 5 racks X 10 packs
KA-AT-1000-S-K	1000µl Universal Grad tip, Sterile	Reloading Stack	5 X 96 tips / rack	96 tips X 5 racks X 10 packs
KA-AT-1000-S-L-K	1000µl Universal Grad tip, Sterile, Low retention	Reloading Stack	5 X 96 tips / rack	96 tips X 5 racks X 10 packs
KA-AT-1000-F-K	1000µl Universal Grad tip, Filter	Reloading Stack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000-S-F-K	1000µl Universal Grad tip, Sterile, Filter	Reloading Stack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000-S-L-F-K	1000µl Universal Grad tip, Sterile, Low retention, Filter	Reloading Stack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000-S-W	1000µl Universal Grad tip, Sterile (Individually Wrapped)	Individually Wrapped	200 tips / pack	1000 tips / case
KA-AT-1000-S-L-W	1000µl Universal Grad tip, Sterile, Low retention (Individually Wrapped)	Individually Wrapped	200 tips / pack	1000 tips / case
KA-AT-1000XL-B	1250µl Universal Grad tip	Bulk	500 tips	500 tips X 20 packs
KA-AT-1000XL-S-B	1250µl Universal Grad tip, Sterile	Bulk	500 tips	500 tips X 20 packs
KA-AT-1000XL-F-B	1250µl Universal Grad tip, Filter	Bulk	500 tips	500 tips X 20 packs

UNIVERSAL TIPS				
Graduated, Free from Dnase/ Rnase/ Pyrogen/ Endotoxin				
CAT#	DESCRIPTION	PACKING	Qty / Pack	Qty / Case
KA-AT-1000XL-S-L-B	1250µl Universal Grad tip, Sterile, Low retention	Bulk	500 tips	500 tips X 20 packs
KA-AT-1000XL-S-F-B	1250µl Universal Grad tip, Sterile, Filter	Bulk	500 tips	500 tips X 20 packs
KA-AT-1000XL-S-L-F-B	1250µl Universal Grad tip, Sterile, Low retention, Filter	Bulk	500 tips	500 tips X 20 packs
KA-AT-1000XL-R	1250µl Universal Grad tip	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000XL-S-R	1250µl Universal Grad tip, Sterile	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000XL-F-R	1250µl Universal Grad tip, Filter	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000XL-S-L-R	1250µl Universal Grad tip, Sterile, Low retention	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000XL-S-F-R	1250µl Universal Grad tip, Sterile, Filter	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000XL-S-L-F-R	1250µl Universal Grad tip, Sterile, Low retention, Filter	Rack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000XL-K	1250µl Universal Grad tip	Reloading Stack	6 X 96 tips / reload	96 tips X 6 racks X 10 packs
KA-AT-1000XL-S-K	1250µl Universal Grad tip, Sterile	Reloading Stack	6 X 96 tips / reload	96 tips X 6 racks X 10 packs
KA-AT-1000XL-S-L-K	1250µl Universal Grad tip, Sterile, Low retention	Reloading Stack	6 X 96 tips / reload	96 tips X 6 racks X 10 packs
KA-AT-1000XL-F-K	1250µl Universal Grad tip, Filter	Reloading Stack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000XL-S-F-K	1250µl Universal Grad tip, Sterile, Filter	Reloading Stack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs
KA-AT-1000XL-S-L-F-K	1250µl Universal Grad tip, Sterile, Low retention, Filter	Reloading Stack	6 X 96 tips / rack	96 tips X 6 racks X 10 packs

MACRO TIPS				
CAT#	DESCRIPTION	PACKING	Qty / Pack	Qty / Case
KA-AT-5000A	5000 µl tip suitable to A & VA-FA series pipette - 2 ml, 5 ml, 500-5000 µl & 1000-5000 µl	Bulk	100 Tips	100 Tips x 10 packs
KA-AT-10000A	10000 µl tip suitable to A & VA-FA series pipette - 10 ml & 1000-10000 µl pipette	Bulk	100 Tips	100 Tips x 10 packs
KA-AT-5000B	5000 µl tip suitable to Smart 2 ml, 5 ml & 500-5000 µl pipette	Bulk	100 Tips	100 Tips x 10 packs
KA-AT-10000B	10000 µl tip suitable to Smart 10 ml & 1000-10000 µl pipette	Bulk	100 Tips	100 Tips x 10 packs
	Empty Rack			
KA-AT-10-E-R	10µl tip rack w/o tips	Rack	10 racks	10 racks X 10 packs
KA-AT-200-E-R	200µl tip rack w/o tips	Rack	10 racks	10 racks X 10 packs
KA-AT-200XL-E-R	200XL tip rack w/o tips	Rack	10 racks	10 racks X 10 packs
KA-AT-1000-E-R	1000µl tip rack w/o tips	Rack	6 racks	6 racks X 10 packs
KA-AT-1000XL-E-R	1250µl tip rack w/o tips	Rack	6 racks	6 racks X 10 packs

Centrifuge Tubes

CENTRIFUGE TUBES				
Free from Dnase/ Rnase/ Pyrogen/ Endotoxin				
CAT#	DESCRIPTION	PACKING	Qty / Pack	Qty / Case
KA-ACT-005-B	0.5 ml Micro Centrifuge Tube, Natural	Bulk	1000 Tubes	1000 Tubes X 10 packs
KA-ACT-005-B-S	0.5 ml Micro Centrifuge Tube, Natural, Sterile	Bulk	1000 Tubes	1000 Tubes X 10 packs
KA-ACT-005-L-B-S	0.5 ml Micro Centrifuge Tube, Low Retention, Sterile	Bulk	1000 Tubes	1000 Tubes x 10 packs
KA-ACT-005-B-C (C= GREEN/ ORANGE/ RED/ BLUE/ YELLOW/ VIOLET)	0.5 ml Micro Centrifuge Tube, Color	Bulk	1000 Tubes	1000 Tubes x 10 packs
KA-ACT-005-B-S-C (C= GREEN/ ORANGE/ RED/ BLUE/ YELLOW/ VIOLET)	0.5 ml Micro Centrifuge Tube, Color, Sterile	Bulk	1000 Tubes	1000 Tubes x 10 packs
KA-ACT-005-B-A	0.5 ml Micro Centrifuge Tube, Amber color	Bulk	1000 Tubes	1000 Tubes X 10 packs
KA-ACT-005-B-S-A	0.5 ml Micro Centrifuge Tube, Amber color, Sterile	Bulk	1000 Tubes	1000 Tubes X 10 packs
KA-ACT-017-B	1.7 ml Micro Centrifuge Tube, Natural	Bulk	1000 Tubes	1000 Tubes X 10 packs
KA-ACT-017-B-S	1.7 ml Micro Centrifuge Tube, Natural, Sterile	Bulk	1000 Tubes	1000 Tubes X 10 packs
KA-ACT-017-L-B-S	1.7 ml Micro Centrifuge Tube, Low Retention, Sterile	Bulk	1000 Tubes	1000 Tubes x 10 packs
KA-ACT-017-B-C (C= GREEN/ ORANGE/RED/ BLUE/ YELLOW/ VIOLET)	1.7 ml Micro Centrifuge Tube, Color	Bulk	1000 Tubes	1000 Tubes X 10 packs
KA-ACT-017-B-S-C (C= GREEN/ ORANGE/ RED/ BLUE/ YELLOW/ VIOLET)	1.7 ml Micro Centrifuge Tube, Color, Sterile	Bulk	1000 Tubes	1000 Tubes X 10 packs
KA-ACT-017-B-A	1.7 ml Micro Centrifuge Tube, Amber color	Bulk	1000 Tubes	1000 Tubes X 10 packs
KA-ACT-017-B-S-A	1.7 ml Micro Centrifuge Tube, Amber color, Sterile	Bulk	1000 Tubes	1000 Tubes x 10 packs
KA-ACT-020-B	2.0 ml Micro Centrifuge Tube, Natural	Bulk	500 Tubes	500 Tubes X 10 packs
KA-ACT-020-B-S	2.0 ml Micro Centrifuge Tube, Natural, Sterile	Bulk	500 Tubes	500 Tubes X 10 packs
KA-ACT-020-L-B-S	2.0 ml Micro Centrifuge Tube, Low Retention- Sterile	Bulk	500 Tubes	500 Tubes X 10 packs
KA-ACT-020-B-C (C= GREEN/ ORANGE/ RED/ BLUE/ YELLOW/ VIOLET)	2.0 ml Micro Centrifuge Tube, Color	Bulk	500 Tubes	500 Tubes X 10 packs



CENTRIFUGE TUBES				
Free from Dnase/ Rnase/ Pyrogen/ Endotoxin				
CAT#	DESCRIPTION	PACKING	Qty / Pack	Qty / Case
KA-ACT-020-B-S-C (C= GREEN/ ORANGE/ RED/ BLUE/ YELLOW/ VIOLET)	2.0 ml Micro Centrifuge Tube, Color, Sterile	Bulk	500 Tubes	500 Tubes X 10 packs
KA-ACT-020-B-A	2.0 ml Micro Centrifuge Tube, Amber color	Bulk	500 Tubes	500 Tubes X 10 packs
KA-ACT-020-B-S-A	2.0 ml Micro Centrifuge Tube, Amber color, Sterile	Bulk	500 Tubes	500 Tubes X 10 packs
KA-ACT-15-B	15 ml Centrifuge Tube with flat Cap	Bulk	25 Tubes	25 Tubes X 20 packs
KA-ACT-15-R	15 ml Centrifuge Tube with flat Cap	Rack	25 Tubes	25 Tubes X 10 packs
KA-ACT-15-B-S	15 ml Centrifuge Tube with flat Cap, Sterile	Bulk	25 Tubes	25 Tubes X 20 packs
KA-ACT-15-R-S	15 ml Centrifuge Tube with flat Cap, Sterile	Rack	25 Tubes	25 Tubes X 10 packs
KA-ACT-15-S-W	15 ml Centrifuge Tube with flat Cap, Sterile	Individually Wrapped	25 Tubes	25 Tubes x 20 packs
KA-ACT-50-B	50 ml Centrifuge Tube with flat Cap	Bulk	25 Tubes	25 Tubes X 20 packs
KA-ACT-50-R	50 ml Centrifuge Tube with flat Cap	Rack	25 Tubes	25 Tubes X 20 packs
KA-ACT-50-B-S	50 ml Centrifuge Tube with flat Cap, Sterile	Bulk	25 Tubes	25 Tubes X 20 packs
KA-ACT-50-R-S	50 ml Centrifuge Tube with flat Cap, Sterile	Rack	25 Tubes	25 Tubes X 20 packs
KA-ACT-50-S-W	50 ml Centrifuge Tube with flat Cap, Sterile	Individually Wrapped	25 Tubes	25 Tubes x 20 packs
KA-ACT-50-K-B	50 ml Self Standing Centrifuge Tube with flat cap	Bulk	25 Tubes	25 Tubes X 20 packs
KA-ACT-50-K-B-S	50 ml Self Standing Centrifuge Tube with flat Cap, Sterile	Bulk	25 Tubes	25 Tubes X 20 packs
KA-ACT-50-K-S-W	50 ml Self Standing Centrifuge Tube with flat Cap, Sterile	Individually Wrapped	25 Tubes	25 Tubes x 20 packs

ACCUMAX PCR CONSUMABLES			
Free from Dnase/ Rnase/ Pyrogen/ Endotoxin			
CAT#	DESCRIPTION	Qty/ Pack	Qty / Case
	0.2ml flat cap clear tubes	500 Tubes	500 Tubes X 6 Packs
KA-APC-011	0.2ml PCR 8-Strip Tube with Attached Flat Cap	12 Strips	12 Strips X 10 Packs
KA-APC-012	0.2ml PCR 8-Strip Tube with Separate Flat Cap	12 Strips + 120 Caps	12 Strips X 10 Packs+ 120 Caps
KA-APC-013	0.2ml PCR 8-Strip Tube & Separate Domed Cap	12 Strips + 120 Caps	12 Strips X 10 Packs+ 120 Caps
KA-APC-014	0.1ml qPCR 8-Strip Tubes with Optical Caps	12 Strips + 12 Caps	(12 Strips + 12 Caps) X 10 Packs
KA-APC-015	0.1ml qPCR 8-Strip White Tubes with Optical Caps	12 Strips + 12 Caps	(12 Strips + 12 Caps) X 10 Packs
KA-APC-016	0.2ml qPCR 8-Strip Tubes with Optical Caps	12 Strips + 12 Caps	(12 Strips + 12 Caps) X 10 Packs
KA-APC-017	0.2ml qPCR 8-Strip White Tubes with Optical Caps	12 Strips + 12 Caps	(12 Strips + 12 Caps) X 10 Packs
KA-APC-021	0.2ml, No Skirt, Standard Profile PCR 96 Well Plate	10 Plates	10 Plates X 5 Packs
KA-APC-022	0.2ml, Sub-Semi Skirted, Standard Profile qPCR 96 Well Plate	10 Plates	10 Plates X 5 Packs
KA-APC-023	0.1ml, Sub-Semi Skirted, Low Profile qPCR 96 Well Plate	10 Plates	10 Plates X 5 Packs
KA-APC-024	0.1ml, Semi skirted, Low Profile qPCR 96 well Plate	10 Plates	10 Plates X 5 Packs
KA-APC-025	0.1ml, Semi skirted, Low Profile qPCR 96 well White Plate	10 Plates	10 Plates X 5 Packs
KA-APC-031	PCR 96 well plate sealing Membrane	10 Membranes	10 Membranes X 10 Packs
KA-APC-032	qPCR 96 well plate optical sealing, pressure sensitive Membrane	10 Membranes	10 Membranes X 10 Packs
KA-APC-033	Aluminum Membrane	10 Membranes	10 Membranes X 10 Packs



Dispenser

Dispenser	
Volume Range in ml	Without Re-Circulation
0.25 to 2.5	AD - 2.5
0.5 to 5	AD - 05
1 to 10	AD - 10
2.5 to 25	AD - 25
2.5 to 30	AD - 30
5 to 50	AD - 50
5 to 60	AD - 60



Dispenser	
Volume Range in ml	With Re-Circulation
0.25 to 2.5	ADR - 2.5
0.5 to 5	ADR - 05
1 to 10	ADR - 10
2.5 to 25	ADR - 25
2.5 to 30	ADR - 30
5 to 50	ADR - 50
5 to 60	ADR - 60





BOD Incubator and Cold Chamber

Features of BOD Incubator & COLD Chamber:

BOD Incubator & COLD Chamber

- Constructed and fabricated on fully automatic CNC machines.
- Chamber Interior is fabricated of stainless steel with dull/mirror finish & exterior is of stainless steel for GMP Model/ G.I. Powder coated for standard Model.
- The inner working chamber is water & vapour tight high-grade stainless steel.
- All seams are arc-welded & passivity for strength & durability.
- Chambers are provided with effective air circulation system.
- Double Door: Inner full viewing glass door and outer door insulated with lock and key arrangement. Inner and outer doors are sealed by silicone sponge rubber gasket.
- Control panel with electrical switch gear and refrigeration system mounted on top for easy service accessibility.
- Equipment mounted on heavy castor wheels for easy movement.
- Heavy duty solid stainless steel duly electro polished wire mesh type trays are provided which are easy to clean, time & efforts saving, also adjustable for convenience.

Technical Specification- BOD Incubator

Temperature Range	5°C to 60 °C
Accuracy	± 1.0°C
Uniformity	± 2.0°C
Control System	PLC or PIO Based

Technical Specification- Cold Chamber

Temperature Range	2°C to 8°C
Accuracy	± 1.5°C
Uniformity	± 2.0°C
Control System	PLC or PIO Based





BOD Incubator Models	COLD Chamber Models	Cap	Internal Dimension In MM			External Dimension In MM			Max. No. of Trays
			Width	Depth	Height	Width	Depth	Height	
KK-GMP-B0D90L	KK-GMP-CC90L	90 Ltr	450	400	500	600	1100	1050	3
KK-GMP-B0D227L	KK-GMP-CC227L	227 Ltr	600	630	600	750	1315	1180	4
KK-GMP-B0 D325L	KK-GMP-CC325L	325 Ltr	600	630	900	750	1315	1480	6
KK-GMP-B0D400L	KK-GMP-CC400L	400 Ltr	600	630	1060	750	1315	1640	7
KK-GMP-B0D500L	KK-GMP-CC500L	500 Ltr	600	630	1350	750	1315	1905	8
KK-GMP-B0D600L	KK-GMP-CC600L	600 Ltr	800	800	950	950	1515	1530	6
KK-GMP-B0D800L	KK-GMP-CC800L	800 Ltr	800	800	1250	950	1515	1830	9
KK-GMP-BOD1000L	KK-GMP-CC1000L	1000 Ltr	800	800	1570	950	1515	2150	11

NOTE: Other Sizes and Customize models of BOD Incubator & Cold Chamber are available on request.



Walk-in Stability Chamber



Technical Specification

Temperature Range	20°C to 60°C
Humidity Range	40 %RH - 95 %RH
Accuracy	± 0.2 °C / ± 2.0 %RH
Uniformity	± 2.0 °C / ± 3.0 %RH
Suitable for	25°C & 60 %RH, 30°C & 65 %RH, 40°C & 75 %RH, 30°C & 75 %RH Specially designed chambers for Low Humidity conditions such as 25°C & 40 %RH, 40°C & 25 %RH, 30°C & 35 %RH



Models	Cap	Internal Dimension In MM			External Dimension In MM			No. of Trays
		Width	Depth	Height	Width	Depth	Height	
KK-GMP-WSC3060L	3060 Ltr	1700	1000	1800	1860	1160	1960	10
KK-GMP-WSC6000L	6000 Ltr	2000	1500	2000	2160	1660	2160	20
KK-GMP-WSC8000L	8000 Ltr	2000	2000	2000	2160	2160	2160	24
KK-GMP-WSC10000L	10000 Ltr	2000	2500	2000	2160	2660	2160	30
KK-GMP-WSC12000L	12000 Ltr	2000	3000	2000	2160	3160	2160	30
KK-GMP-WSC16000L	16000 Ltr	2000	4000	2000	2160	4160	2160	40

Features:

Low energy and Low water Consumption Equipment

Construction:

- Prefabricated modular panel type construction with PUF insulation to be assembled on site with floor panels having extra reinforcement to sustain the movement and sample load inside the chamber.
- The inner working chamber is water & vapour tight high-grade stainless steel.
- Chambers are provided with effective air circulation system, heating & cooling systems and humidity generator system.
- Multi pane vacuum sealed observation glass window to view the samples without disturbing the test condition & human safety.
- Heavy duty solid stainless steel duly electro polished wire mesh/perforated type trays are provided which are easy to clean, time & efforts saving, also adjustable for convenience, along with detachable racks with adjustable angles.



Control Systems:

- 7" HMI with TFT LCD Colour touch screen with password protection for all parameter actual status monitoring of utilities like Sensor, Heating & Cooling System, Humidity System.
- Rotronic make 4-20mA sensors for better accuracy.
- PLC with auto tuning facility for accurate control of temperature and humidity conditions.
- PLC system for an auto changeover of standby systems.
- Data Storage unit facility to transfer the data to software via Ethernet for web based online remote monitoring with Date, Time, SV, PV, Door Open/ Close, Power On/ Off remarks. Direct report printout provision from HMI.

NOTE: Extra Trays will be provided on request as per capacity of chamber. Other Sizes and Customize models are available on request.

Alarm & Safety:

- Temperature deviation & RH deviation Alarm,
- Power Failure Alarm,
- Continues open door alarm,
- Temperature & RH Safety Cutoff,
- Low water level Cut off
- Auto change over Facility for RH Generator & Cooling System

Special Features:

- Special door lock is provided which can opened from inside even if locked from outside.
- Door operation with password Access for Particular USER having the event log Door open ENTRY USER: XYZ & Door open EXIT USER: XYZ in software.
- Person trapped cut off facility in chamber.

Software (21CFR PART-11 Compliance)

- Log data, Event data, Audit Trail data, E-Records & E-signatures, Graphical analysis & Data acquisition.

Optional

- Stand by Cooling System
- Stand by Humidity System
- Scanner (8 Temp.+ 8 RH for Online Monitoring Purpose)
- Mobile Alert System
- Security Alarm System
- Chiller System





Vacuum Oven

Technical Specification

Temperature Range	Ambient +10°C to 200°C
Accuracy	± 2.0°C
Vacuum Range	More than -700mm of Hg.
Control System	Operation through digital PID controller.
• Double walled interior and exterior S.S. 316 / 304 with matt finish insulated with high grade rock wool insulation. • Door with glass window, silicone gasket & positive latch to maintain seal at all vacuum Levels.	

Round Vacuum Oven

Sr. No.	Working Chamber Size Dia x Depth (in inch)
1	9" X 12"
2	12" X 15"
3	15" X 18"

Rectangular Vacuum Oven

Sr. No.	Working Chamber Size Dia x Depth (in inch)
1	12" X 12" X 12"
2	20" X 20" X 21"





Photo Stability Chamber

Technical Specification

Temperature Range	20°C to 50°C
Accuracy	± 0.2°C
Uniformity	± 2.0°C
Control System	PLC or PID Based

Optional:

Humidity Range	40% RH to 85% RH
Accuracy	± 2.0% RH
Uniformity	± 3.0% RH



- As per ICH -Q1B For confirmatory studies, sample should be exposed to light providing an overall illumination of not less than 1.2 million lux hours and an integrated near ultraviolet energy of not less than 200watt hour/ square meter to allow direct comparison to be made between drug substance & drug product.
- Online and actual study of UV & LUX Exposure.
- Automatic cycle cut off after completing the study/ test of UV & LUX.

Models	Cap	Internal Dimension In MM			External Dimension In MM			No. of Trays
		Width	Depth	Height	Width	Depth	Height	
KK-GMP-PSC227L	227 Liter	600	630	600	875	1150	1180	1
KK-GMP-PSC400L	400 Liter	600	630	1060	875	1150	1640	2

Features:

Low energy and Low water Consumption Equipment

Construction:

- Constructed and fabricated on fully automatic CNC machines. Chamber Interior is fabricated of stainless steel with dull/mirror finish & exterior is of stainless steel for GMP Model/ G.I. Powder coated for standard Model.
- The inner working chamber is water & vapour tight high-grade stainless steel. All seams are arc-welded & passivity for strength & durability.
- Chambers are provided with effective air circulation system, heating & cooling systems and humidity generator system.
- Double Door: Inner full viewing glass door and outer door insulated with lock and key arrangement. Inner& outer doors are sealed by silicone sponge rubber gasket.
- Control panel with electrical switch gear and refrigeration system mounted on top for easy service accessibility.
- Equipment mounted on heavy castor wheels for easy movement.
- Heavy duty solid stainless steel duly electro polished wire mesh/perforated type trays are provided which are easy to clean, time & efforts saving, also adjustable for convenience.

Control Systems:

Option 1: (PID controller based)

- Microprocessor based PID controller with auto tuning for accurate control of temperature and humidity conditions.
- Rotronic make 4-20mA sensors for better accuracy/ Pt100 Sensor for Temperature & Direct% RH electronic capacitance type humidity sensor.
- Data Storage unit facility to store data and to print directly on printer or transfer to software with Date, Time, SV, PV, Door Open/ Close, Power On/Off remarks.
- Safety: Temperature & Humidity High/ Low Alarm, Temperature very High/ Low cut off, Water level low cut off.

Option 2: (HMI + PLC controller based)

- 4.3" HMI with TFT LCD Colour touch screen with password protection for all parameter actual status monitoring of utilities like Sensor, Heating & Cooling System, Humidity System)
- Rotronic make 4-20mA sensors for better accuracy.
- PLC with auto tuning facility for accurate control of temperature and humidity conditions.
- PLC system for auto changeover of standby systems.
- Data Storage unit facility to transfer the data to software via Ethernet for web based online remote monitoring with Date, Time, SV, PV, Door Open/ Close, Power On/Off remarks. Direct report printout provision from HMI.
- Safety/ Alert:
- Temperature & Humidity High / Low alarm, Temperature & Humidity High/ Low cut off, Low water level cut off, Auto change over for standby systems.
- Software (21 CFR PART-11 Compliance):
- Log data, Event data, Audit Trail data, E-Records & E-Signatures, Graphical analysis & Data acquisition.

Optional:

- Software (21 CFR PART-11 Compliance)
- Stand by Cooling System
- Stand by Humidity System
- Scanner (4 Temp.+ 4 RH for Online Monitoring Purpose)
- Mobile Alert System
- Security Alarm System
- Extra Trays



Humidity Chamber

Technical Specification	
Temperature Range	20°C to 60°C
Humidity Range	40 %RH - 95 %RH
Accuracy	± 0.2 °C / ± 2.0 %RH
Uniformity	± 2.0 °C / ± 3.0 %RH
Suitable for	25°C & 60 %RH, 30°C & 65 %RH, 40°C & 75 %RH, 30°C & 75 %RH and for low. Humidity conditions such as 25°C & 40 %RH, 40°C & 25 %RH, 30°C & 35 %RH
Control System	PLC or PID Based



HMI/PLC Based Control System



PID Based Control System

Models	Capacity	Internal Dimension In MM			External Dimension In MM			Max. Nos. of Trays
		Width	Depth	Height	Width	Depth	Height	
KK-GMP-SC90L	90 Liter	450	400	500	600	1100	1050	3
KK-GMP-SC227L	227 Liter	600	630	600	750	1350	1180	4
KK-GMP-SC325L	325 Liter	600	630	900	750	1350	1480	6
KK-GMP-SC400L	400 Liter	600	630	1060	750	1350	1640	7
KK-GMP-SC500L	500 Liter	600	630	1350	750	1350	1905	8
KK-GMP-SC600L	600 Liter	800	800	950	950	1550	1530	6
KK-GMP-SC800L	800 Liter	800	800	1250	950	1550	1830	9
KK-GMP-SC1000L	1000 Liter	800	800	1570	950	1550	2150	11
KK-GMP-SC2040L	2040 Liter	1500	800	1700	1660	1260	1860	20

NOTE: Other Sizes and Customize models are available on request



Hot Air Oven

Technical Specification

Temperature Range	Ambient+10°C to 300°C
Accuracy	± 2.0 °c
Control System	Operation through digital PID controller with inbuilt cycle timer auto cut off.
• Double walled interior and exterior S.S. 304 / 316 with matt finish insulated with high grade rock wool insulation. • S.S. Wire Mesh Trays with adjustable Support. • Forced air circulation for uniform temperature.	



Sr. No.	Working Chamber Size (in mm)	Capacity (in Ltr.)
1	450 X 450 X 450	90
2	450 X 450 X 600	120
3	600 X 600 X 600	200
4	600 X 600 X 900	325



Deep Freezer

Technical Specification

Temperature Range	Up to -80 °C
Accuracy	± 3.0°C
Uniformity	± 5.0°C
Control System	PLC or PID Based

Features:

- Constructed and fabricated on fully automatic CNC machines. Chamber Interior is fabricated of stainless steel with dull/mirror finish & exterior is of stainless steel for GMP Model /G.I. Powder coated for standard Model.
- The inner working chamber is water & vapour tight high-grade stainless steel. All seams are arc-welded & passivity for strength & durability.
- Hermetic compressors build on cascade system with CFC free refrigeration.
- Equipment mounted on heavy castor wheels for easy movement.
- Heavy duty solid stainless steel duly electro polished wire mesh type trays are provided which are easy to clean, time & efforts saving, also adjustable for convenience.



Models	Capacity	Internal Dimension In MM			External Dimension In MM			Max. Nos. of Trays
		Width	Depth	Height	Width	Depth	Height	
KK-GMP-DF100L	100Liter	450	450	610	700	820	1550	3
KK-GMP-DF200L	200Liter	600	600	600	850	950	1620	3
KK-GMP-DF325L	325Liter	600	600	900	850	950	1900	5
KK-GMP-DF400L	400Liter	600	630	1060	850	980	2100	6
KK-GMP-DF600L	600Liter	800	800	950	1050	1100	1950	5

NOTE : Other Sizes and Customize models of Deep Freezer are available on request.

Sterile Syringe Filters	73
Laboratory Filtration: Manifold	74
MCE Membrane Filter	76
Vacuum Driven Sterile Filter Cup	77
Centrifuge Tubes & Petri Dish	78
Inoculating Loop & Cell Spreaders	80
Serological Pipette	81
Cryotubes	82
Glass Test Tube	83
HPLC/Air/Vent Filters	84
Membrane Filters	90
Vacuum Filtration System	92
Vials, Septa & Caps	94
Accessories	100
Plasticware	101



Sterile Syringe Filters

Startech™ 13mm Sterile Syringe Filters

- Housing material: medical grade polypropylene
- Pore Size: 0.22um, 0.45um
- Outside diameter: 17mm
- Membrane diameter: 13mm
- High flow rate and throughout
- Low hold-up volume (less than 25µL)
- Low extractables
- Individual sterile blister pack



Startech™ 33mm Sterile Syringe Filters

- Housing material: medical grade polypropylene
- Pore Size: 0.22um, 0.45um
- Outside diameter: 33mm
- Membrane diameter: 25mm
- High flow rate and throughout
- Low hold-up volume (less than 100µL)
- Low extractables
- Individual sterile blister pack



Ordering Details:

1 Membrane		2 Diameter	3 Sterile	4 Pore Size	5 Membrane Characteristics
PVDF	CA	017=13mm	N (Non-Sterile)	022=0.22um	I = Hydrophilic O = Hydrophobic
PTFE	PES	033=33mm	S (EO/GAMMA)	045=0.45um	
Nylon	RC				
MCE	GF				
13mm pack: 100pcs/pk 33mm pack: 100pcs/pk					
Example: <u>PVDF 033 S 022 I</u> = 33mm, PVDF membrane, Sterile, 0.22um					
1 2 3 4 5					



Laboratory Filtration: Manifold

Type A/B

KFT-SUS316

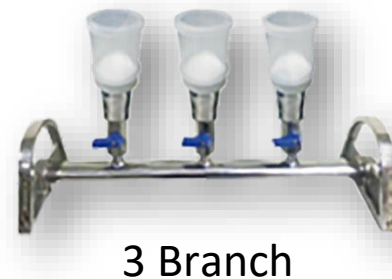
- Excellent Chemical Resistance
- Individual Control valve



Type A

Type B

Type C



Type C

Microbiological Monitors & Analytical Funnels {Sterile}

Features and Benefits:

- Time-saving: Completely sterilized and ready to use funnel reduces the time needed for sterilizing after each use, allowing tests to be completed up to 3 times faster.
- Complete system: After filtration, product can be converted to a petri dish and incubated.
- Easy to use: Simple and ready to use immediately after opening.
- Safe: Individually packaged, sterile, and disposable means no fire hazards or biological hazards from aerosolization.
- Multifunctional: Removable base can be turned into petri dish for immediate incubation after filtration.
- Reliable results: Complete sterile and disposable system greatly reduces possibility of cross contamination and improves reproducibility of results.



Funnel Filter

- Cover: PP
- Funnel: PP
- Base: PP
- Membrane Size: 047mm
- Funnel filter Capacity: 100ml
- Filtration area: 13.6cm²
- Sterilization: E.O or Gamma

Comes in two types:

Analytical Funnel: Disposable funnel. Removable membrane transferable to petri dish.

Microbiological Monitor: Fixed membrane in the removable base for conversion to petri dish.

Ordering Information

	Model No.	Description	Package
Type A	KFT-SS-0289	0.3L stainless steel (316) funnel	1set/ctn
	KFT-SS-0290	2-Branch stainless steel (316) manifold, 47mm with 0.3L SS funnel*2	1set/ctn
	KFT-SS-0291	3-Branch stainless steel (316) manifold, 47mm with 0.3L SS funnel*3	1set/ctn
	KFT-SS-0292	6-Branch stainless steel (316) manifold, 47mm with 0.3L SS funnel*6	1set/ctn
Type B	KFT-SS-0363	EZ Lock 0.3L stainless steel (316) funnel	1set/ctn
	KFT-SS-0364	EZ Lock 47mm stainless steel (316) manifold, with 0.3L SS316 funnels	1set/ctn
	KFT-SS-0365	EZ Lock 3-place stainless steel (316) manifold, 47mm, with 0.3L SS funnel*3	1set/ctn
	KFT-SS-0366	EZ Lock 6-place stainless steel (316) manifold, 47mm, with 0.3L SS funnel*6	1set/ctn
Type C	KFT-SS-100-PP	EZ-Tech Sterile Disposable Filter Units, 100 ml	24pcs/ctn
	KFT-SS-100-PP-3R	3-place stainless steel (316) manifold with EZ-Tech 47mm, Sterile disposable filter units with Lid, 47 mm, 100 ml*3	1set/ctn
	KFT-SS-100-PP-6R	6-place stainless steel (316) manifold with EZ-Tech 47mm, Sterile disposable filter units with Lid, 47 mm, 100 ml*6	1set/ctn



MCE Membrane Filter

1



2



3



1 White membrane with black grid Individual Pack

2 Black membrane with white grid Individual Pack

3 White membrane with black grid Continuous Pack

- Mixed cellulose esters are designed for microbiological analysis and provides maximum recovery of organisms.
- Unique gridline provides guidance for quantification of bacterial colonies without growth inhibition or enhancement.

Specifications

Diameter	47mm
Pore Size	0.22µm, 0.45µm
Membrane Type	MCE
Sterilization	Gamma

Ordering Information

Model No.	Description	Package
KFT-M-MCE047G045I-G	47mm Pore Size:0.45µm Sterile, white membrane with black grid. Individual Pack	100pcs/pk
KFT-M-MCE047G022I-G	47mm Pore Size:0.22µm Sterile, white membrane with black grid. Individual Pack	100pcs/pk
KFT-M-MCE047G045I-WG	47mm Pore Size:0.45µm Sterile, black membrane with white grid. Individual Pack	100pcs/pk
KFT-M-MCE047G022I-WG	47mm Pore Size:0.22µm Sterile, black membrane with white grid. Individual Pack	100pcs/pk
KFT-M-MCE047G045I-GS	47mm Pore Size:0.45µm Sterile, white membrane with black grid. Continuous Pack	150pcs/pk
KFT-M-MCE047G022I-GS	47mm Pore Size:0.22µm Sterile, white membrane with black grid. Continuous Pack	150pcs/pk



Vacuum Driven Sterile Filter

Vacuum Driven Sterile Filter Cup (Bottle top filter)

- Vacuum hose adapter for quick filtration of large volume of fluids.
- Stable, low center of gravity prevent spillage
- Easy to read mark shows filtered volume
- Suitable for open, closed, or continuous flow systems
- Gamma sterilization
- DNase, RNase, and Pyrogen Free



Ordering Information

Funnel Capacity/ Receiving Bottle Capacity (Membrane Diameter)	Pore size (μm)	Package	PES	PVDF
250 ml/ 250 ml/ (50mm)	0.22	12bags/ctn	STF-PES250-022	STF-PV250-022
250 ml/ 250 ml/ (50mm)	0.45	12bags/ctn	STF-PES250-045	STF-PV250-045
500 ml/ 500 ml/ (90mm)	0.22	12bags/ctn	STF-PES500-022	STF-PV500-022
500 ml/ 500 ml/ (90mm)	0.45	12bags/ctn	STF-PES500-045	STF-PV500-045
Funnel Capacity/ Receiving Bottle Capacity (Membrane Diameter)	Pore size (μm)	Package	PES	PVDF
250 ml/ 250 ml/ (50mm)	0.22	24bags/ctn	ST-PES250-022	ST-PV250-022
250 ml/ 250 ml/ (50mm)	0.45	24bags/ctn	ST-PES250-045	ST-PV250-045
500 ml/ 500 ml/ (90mm)	0.22	24bags/ctn	ST-PES500-022	ST-PV500-022
500 ml/ 500 ml/ (90mm)	0.45	24bags/ctn	ST-PES500-045	ST-PV500-045



Centrifuge Tubes & Petri Dish

Centrifuge Tubes

- Medical grade polypropylene
- Cap Material: HDPE
- Leakproof
- Black printed graduations
- Easy for one-handed operation
- Large white write-on area for easy marking
- Clear graduations provide an easy volume reference

Specifications

	15 ml	50ml
Bottom Graduation Range	0.1 - 1 ml	-
Bottom Graduation Interval	0.1 ml	-
Graduation Range	1.5 - 14.5 ml	5 - 47.5 ml
Graduation Interval	0.5 ml	2.5 ml
Autoclavable	-	121°C
Freezable	- 20°C	- 45°C
Maximum RCF	13,000xg	9,500xg
Sterility	EO/Gamma	EO/Gamma



Ordering Information

Model No.	Description	Package
KFT-ST-tube15-EO	Sterile 15ml Conical-Bottom Centrifuge Tubes	25pcs/pk, 20pks/ctn
KFT-ST-tube50-EO	Sterile 50ml Conical-Bottom Centrifuge Tubes	25pcs/pk, 20pks/ctn

Free-Standing Centrifuge Tubes

- Medical grade polypropylene
- Cap Material: HDPE
- Leakproof
- Easy for one-handed operation
- Large white write-on area for easy marking

Specifications:

	50mL
Bottom Graduation Range	-
Bottom Graduation Interval	-
Graduation Range	5 ~ 47.5mL
Graduation Interval	2.5mL
Autoclavable	121°C
Freezable	- 45°C
Maximum RCF	7,500xg
Sterility	EO/Gamma



Petri Dish

- Made of highly transparent medical grade PS material.
- Used for fungus, bacteria and other microorganism culture.
- Superior production techniques for uniform thickness.
- Smooth and clean bottom allows for more precise quantitative analysis.
- Easy to stack up.
- Vent design for easy air exchange.
- E.O or Gamma sterilization available.



Ordering Information

Model No.	Height	Specs	Qty per bag	Qty per case
K-FT503	13mm	035mm	1/10/20	2300
K-FT504	15mm	060mm	26	1040
K-FT505	15mm	070mm	16	720
K-FT506	15mm	090mm	10	500
K-FT506-2	13.8mm	090mm	10	500
K-FT507	20mm	0150mm	1/20	125/120
K-FT508		090mm (With Grid)	10	500
K-FT508-1		090mm (With Grid)	26	1248
K-FT509		090mm 3 Compartment	10	500



Inoculating Loop & Cell Spreaders

Inoculating Loop

- Surface is treated with a special hydrophilic coating
- Multiple colors to distinguish different sizes of inoculating loops and inoculation needles
- The needle bar is slim and flexible and can be used for narrow or special-shaped containers
- DNase, RNase, and Pyrogen-free



Ordering Information

Model No.	Description	Package
K-FT509-1	Inoculating loop needle type, Non-sterile Bulk pack	1000pcs/bag, 10000pcs/ctn
	Inoculating loop needle type, 20 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop needle type, 10 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop needle type, 5 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop needle type, Individual pack, EO sterile	400 pcs/bag 4000pcs/ctn
K-FT510	Inoculating loop 1ul, Non-sterile Bulk pack	1000pcs/bag, 10000pcs/ctn
	Inoculating loop 1ul, 20 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 1ul, 10 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 1ul, 5 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 1ul, Individual pack, EO sterile	400 pcs/bag, 4000pcs/ctn
K-FT511	Inoculating loop 1Qui, Non-sterile Bulk pack	1000pcs/bag, 10000pcs/ctn
	Inoculating loop 10ul, 20 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 1Qui, 10 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 1Qui, 5 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 1Qui, Individual pack, EO sterile	400 pcs/bag, 4000pcs/ctn

Cell Spreaders

- Made of PS material. Ideal for keeping the cell or bacterial growth uniform on the surface.
- Available in V, T and L type.
- Mellow and smooth on the surface to reduce harm to cells.



Ordering Information

Model No.	Description	Package
K-FT511-1	Cell spreader L type, non-sterile, Bulk pack	600pcs/box, 6000pcs/ctn
	Cell spreader L type, EO sterile, Individual pack	500pcs/box, 2500pcs/ctn
	Cell spreader L type, EO sterile, 5 pcs pack	500pcs/box, 3000pcs/ctn
	Cell spreader L type, EO sterile, 10 pcs pack	5000pcs/ctn
K-FT511-2	Cell spreader T type, non-sterile, Bulk pack	600pcs/box, 6000pcs/ctn
	Cell spreader T type, EO sterile, Individual pack	500pcs/box, 2000pcs/ctn
	Cell spreader T type, EO sterile, 5 pcs pack	5pcs/bag, 3000pcs/ctn
	Cell spreader T type, EO sterile, 10 pcs pack	10pes/bag, 3000pcs/ctn
K-FT510-1	Cell scraper 18cm, Individual pack, EO sterile	1pcs/bag, 100pcs/box, 1000pcs/ctn
K-FT510-2	Cell scraper 25cm, Individual pack, EO sterile	1pcs/bag, 100pcs/box, 1000pcs/ctn
K-FT510-3	Cell lifter 18cm, Individual pack, EO sterile	1pcs/bag, 100pcs/box, 1000pcs/ctn



Serological Pipette

Made of imported, high quality polystyrene (GPPS) in class 100,000 clean workshop.

Novel aspiration area design can fit most of the pipettors on the market.

Mainly used for accurate measure or transfer for certain volume liquid and is widely employed in the field of cell culture, bacteriology, clinical research, etc.



- Available in six capacities: 1.0ml, 2.0ml, 5.0ml, 10.0ml, 25.0ml, 50.0ml. Graduations are calibrated within $\pm 2\%$.
- 1.0ml, 2.0ml, 5.0ml pipettes are shaped by stretching method.
- 5.0ml, 10.0ml, 25.0ml, 50.0ml pipettes tips are welded to the tube by ultrasonic wave.
- Smooth and clean without drawing lines.
- Different colors correspond to different specification, easy to distinguish.
- Liquid adhesion to the inner walls maximally reduced, improving sampling accuracy.
- Excellent double-sided graduation design ideally meets with the demand for liquid adding or reducing.
- Clear and simple graduation.
- All serological pipettes are assembled with high quality filters.
- Strict integrity test on every pipette.
- Non-sterile or sterilized by Gamma or EO.
- DNase, RNase, and Pyrogen-free

Ordering Information

Model No.	Description	Package
K-FT9010	Serological pipette 1ml, Individual pack and Gamma sterile	100pcs/box 2000pcs/ctn
K-FT9020	Serological pipette 2ml, Individual pack and Gamma sterile	100pcs/box 2000pcs/ctn
K-FT9050	Serological pipette 5ml, Individual pack and Gamma sterile	100pcs/box 1000pcs/ctn
K-FT9100	Serological pipette 10ml, Individual pack and Gamma sterile	100pcs/box 1000pcs/ctn
K-FT9250	Serological pipette 25ml, Individual pack and Gamma sterile	100pcs/box 800pcs/ctn
K-FT9500	Serological pipette 50ml, Individual pack and Gamma sterile	75pcs/box 600pcs/ctn



Cryotubes

Our manufacturers cryotubes are made of medical grade PP material and are the ideal lab consumable for biological sample storage. In the gas situation of liquid nitrogen, it can withstand temperature as low as 196°C. Silicone gel O-ring in the cap ensures no leakage, even in the standard lowest storing temperature, which will guarantee the sample's safety. Different inserted color top will help with identification. White writing area and clear graduation make the mark and volume calibration more convenient. Maximum RCF:17,000xg



- External screw cap can reduce the contamination probability during sample treatment.
- Cryotube with internal screw cap is for freezing samples in gas situation of liquid nitrogen.
- Large white writing area allows easy marking.
- Round bottom design is good for pouring liquids out with little residual.



Ordering Information

Model No.	Description	Package
KFT-Cryo-y01	0.5ml 2D Barcode Cryogenic Vials	100pcs/pk, 5pks/bx,10bx/ctn
KFT-Cryo-y06	0.5ml Cryogenic vials without O-rings	100pcs/pk, 5pks/bx,10bx/ctn
KFT-Cryo-y07	1.5ml Cryogenic vials without O-rings	100pcs/pk, 5pks/bx,10bx/ctn
KFT-Cryo-001	0.5ml Cryogenic vials	1000pcs/pk, 10pks/ctn
KFT-Cryo-001B	1.5ml Cryogenic vials	1000pcs/pk, 10pks/ctn
KFT-Cryo-001B-2	1.0ml Cryogenic vials	1000pcs/pk, 10pks/ctn
KFT-Cryo-002-2	1.5ml AMBER Cryovials with chain	1000pcs/pk, 10pks/ctn
KFT-Cryo-002A-1	1.5ml Conical Cryovials	1000pcs/pk, 10pks/ctn
KFT-Cryo-002A-2	1.5ml AMBER Conical Cryovials	1000pcs/pk, 10pks/ctn
KFT-Cryo-002B-1	2ml flat bottom cryovials	1000pcs/pk, 10pks/ctn
KFT-Cryo-006	2.0ml round bottom cryogenic vials	1000pcs/pk, 10pks/ctn
KFT-Cryo-009C	5ml cryogenic vials (with ring and graduation)	300pcs/pk, 10pks/ctn
KFT-Cryo-0010	7ml cryogenic vials	200pcs/pk, 12pks/ctn



Glass Test Tube

Flat Glass Test Tube

- Made of borosilicate glass
- Rounded U-shape bottom
- Autoclavable



Ordering Information

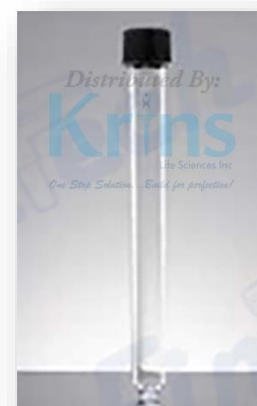
Model No.	Outer dimension	Package
KFT-Tube-G10075	010x75mm	250pcs/pk, 2000pcs/ctn
KFT-Tube-G10100	010x100mm	250pcs/pk, 2000pcs/ctn
KFT-Tube-G12075	012x75mm	250pcs/pk, 2000pcs/ctn
KFT-Tube-G12100	012x100mm	250pcs/pk, 2000pcs/ctn
KFT-Tube-G13100	013x100mm	250pcs/pk, 2000pcs/ctn
KFT-Tube-G16100	016x100mm	250pcs/pk, 1000pcs/ctn
KFT-Tube-G15150	015x150mm	250pcs/pk, 1000pcs/ctn
KFT-Tube-G16125	016x125mm	250pcs/pk, 1000pcs/ctn
KFT-Tube-G16150	016x150mm	250pcs/pk, 1000pcs/ctn
KFT-Tube-G18150	018x150mm	100pcs/pk, 600pcs/ctn
KFT-Tube-G18180	018x180mm	100pcs/pk, 600pcs/ctn
KFT-Tube-G20150	020x150mm	100pcs/pk, 600pcs/ctn
KFT-Tube-G20200	020x200mm	100pcs/pk, 600pcs/ctn
KFT-Tube-G25150	025x150mm	100pcs/pk, 400pcs/ctn
KFT-Tube-G25200	025x200mm	100pcs/pk, 400pcs/ctn

Glass Test Tube with Screw Thread

- Made of borosilicate glass
- Rounded U-shape bottom
- Autoclavable
- Screw caps not included. Contact to request

Ordering Information

Model No.	Description	Package
KFT-Tube-GT8A	Glass Test Tube (screw top) Rounded Bottom 13mmX100mm	1000pcs/ctn
KFT-Tube-GT10	Glass Test Tube (screw top) Rounded Bottom 16mmX100mm	1000pcs/ctn
KFT-Tube-GT10A	Glass Test Tube (screw top) Rounded Bottom 16mmX125mm	1000pcs/ctn





Syringe Filters

PureTech™ - Syringe Filters

- HPLC Class
- Integrity tested
- Multiple choices of membranes
- Medical grade polypropylene housing
- OEM accepted

- Housing material: PP
- Filtration area: 0.12cm²
- Process Volume: 1ml
- Hold-up Volume: <10μL
- Pressure Bar (PSI): 5.2 Bar (75)
- Highest Temp.: 45° C



- Housing Material: PP
- Filtration area: 0.65cm²
- Process Volume: 10ml
- Hold-up volume: <25μL
- Pressure Bar (PSI): 7Bar (100)
- Highest Temp.: 45° C



- Housing Material: PP
- Filtration area: 3.9cm²
- Process Volume: 100ml
- Hold-up volume: <100μL
- Pressure Bar (PSI): 5.2Bar (75)
- Highest Temp.: 45° C



Ordering Information:

1 Membrane		2 Diameter	3 Sterile	4 Pore size	5 Membrane Characteristics
PVDF	CA	004=4mm	N(non-sterile)	020=0.20μm	I = hydrophilic O = hydrophobic
PTFE	PES	013=13mm		022=0.22μm	
Nylon	RC	030=25mm		045=0.45μm	
MCE	GF			100=1.0μm	
100pcs/pk					
Example: <u>PTFE 013 N 045 I</u> = 13mm, Hydrophilic PTFE, 0.45um					
1	2	3	4	5	

MeTech™- Syringe Filters (Color Coding)

- HPLC Class
- Integrity tested
- Easier to distinguish different membranes
- Multiple choices of membranes
- Medical grade polypropylene housing
- OEM accepted

- Housing material: PP
- Filtration area: 0.06cm²
- Process Volume: 2ml
- Pore size: 0.22, 0.45, 1.0μm



4mm

- Housing material: PP
- Filtration area: 0.65cm²
- Process Volume: 10ml
- Hold-up volume: <25μL
- Pressure Bar (PSI): 7Bar (100)
- Highest Temp.: 45 °C



13mm

- Housing material: PP
- Filtration area: 3.9cm²
- Process Volume: 100ml
- Hold-up volume: <100μL
- Pressure Bar (PSI): 5.2Bar (75)
- Highest Temp.: 45 °C



33mm

Ordering Information:

1 Membrane		2 Diameter	3 Sterile	4 Pore size	5 Membrane Characteristics
PVDF	CA	X04=4mm	N(non-sterile)	020=0.20μm	I = hydrophilic O = hydrophobic
PTFE	PES	017=13mm		022=0.22μm	
Nylon	RC	033=33mm		045=0.45μm	
MCE	GF			100=1.0μm	
				300=3.0μm	
				500=5.0μm	
100pcs/pk					
Example: <u>PTFE</u> <u>017</u> <u>N</u> <u>045</u> <u>I</u> = 13mm, Hydrophilic PTFE, 0.45um, Color Coding					
1	2	3	4	5	

DualTech™- Syringe Filters



Layer 1
Glass prefilter (GF)
down to 1 µm

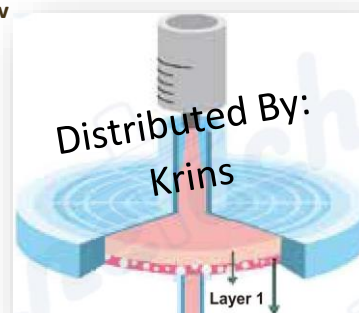
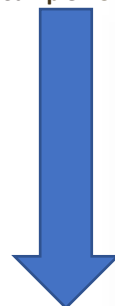
Layer 1-



Layer 2
Membrane filter
Nylon, PVDF, PTFE, etc.
Filters down to 0.45µm or 0.2µm

Layer 2-

Sample flow



2

Ordering Information:

1 Membrane		2 Diameter	3 Sterile	4 Pore size	5 Membrane Characteristics
PVDF PTFE Nylon MCE CA PES pp RC GF	P=PP G=GF	Puretech 013=13mm 030=25mm	N (Non-Sterile) S (EO/GAMMA)	022=0.22µm 045=0.45µm	I = hydrophilic 0 = hydrophobic
		Metech 017=13mm 033=33mm			
100pcs/pk					
Example: PTFEG <u>030 N 022 0</u> = 25mm, Hydrophobic PTFE+GF, 0.22um					
1 2 3 4 5					

Vacuum Driven Sterile Filter Cup

Characteristics

- Available with PVDF, PES, MCE, CA or Nylon
- Two pore sizes of membranes: 0.22 and 0.45µm
- Filter Diameter of 47mm with the volume size of 500mL
- Light weight and heavy wall construction
- Designed with a wide and easy access bottle mouth for efficient and stable pouring



Product

- Model No.: **KFT-ST-FC500**
- Capacity: 500mL
- Filter Membrane: PVDF, PES
- Filter size: 47mm
- Filter pore size: 0.22, 0.45µm
- Filter area: 15.2cm²
- Residue: ≥3ml
- Package: 12pcs/box
- Disposable filter



Air / Vent Filters

Specifications:

Part No.	Type1 (A2-1)	Type2 (A2-2)	Type3 (A2-3)	Type4 (A2-4)
Model No.	KFT-PTFE050N022O-PC	KFT-PTFE050N022O-PC	KFT-PTFE050N022O-PC	KFT-PTFE050N022O-PC
				
Biosafety	Meet the requirements of USP Class VI Biological Test for plastics			
Connection	(Accepted ID7-13mm) Hydrophobic PTFE 50mm 0.22um air filter Inlet: Stepped Hose Barb Outlet: Stepped Hose Barb	Hydrophobic PTFE 50mm 0.22um air filter Inlet: 1/8"NPT	(Accepted ID7-13mm) Hydrophobic PTFE 50mm 0.22um air filter Inlet: Stepped Hose Barb Outlet: 1/8" NPT	Hydrophobic PTFE 50mm 0.22um air filter Inlet: 1/2"NPT Outlet: Stepped Hose Barb
Filtration area	19.6cm ²			
Air flow rate	18-20 LPM@1kg/cm ²			
Housing size	65mm			
Housing material	Polycarbonate or Polypropylene			
Sterilization	EO or Autoclave			
Pore Size	0.22um, 0.45um, 1um or other pore size			

Pipette Filters

- Model: KFT- PTFE027N1000
- Diameter: 27mm
- Membrane: PTFE
- Housing Material: PVC
- Flow direction: single directions
- Application: Pipette Protection
- Pore Size: 0.2µm



Gas Analyzer Filters

- Model: KFT-FT0220
- Filter: PTFE
- Material: PVC
- Flow direction: single directions
- Pore Size: 0.2µm
- Sterilization method: E.O sterilization
- Packing: 100pcs/pk



Three Hole Delivery Cap

- Bottle Cap Kit includes ((GL-45 Cap
- (White PTFE Body)) and two Peek Plugs
- Cap material: Polypropylene
- Cap color: Blue
- Body material: PTFE
- Body color: white
- Two 1/8" holes and one 1/16" hole for tubing
- Peek Plug Material: Polypropylene



Filter Holder

Specifications:

Model No.	KFT-Holder-13	KFT-Holder-25	KFT-Holder-47
Materials	polypropylene		
Filter size	13mm	25mm	47mm
Filtration area	1.3cm ²	3.9cm ²	13.8cm ²
Pressure Rating (max)	2 bar		
Connections	Inlet & Outlet= Luer slip		
Autoclaving	20 minutes at 121°C		



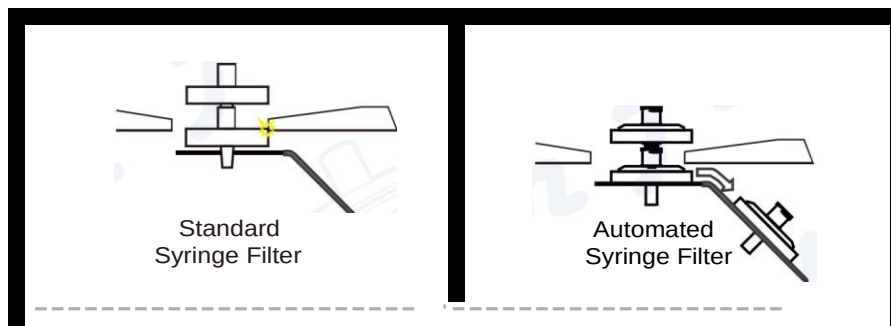
Automated Certified Syringe Filters

Ideal for HPLC and UPLC automated sample processing and sample clarification

- High flow rate: available with multilayer membranes
- High Throughput: two to four times the throughput of standard glass fiber prefilter devices.
- Superior HPLC column protection - Better retention efficiency helps extend column life
- Suitable for Automation devices - Designed to be fully compatible and reliable for use with the SOTAX and Zymark automated test systems.



Consistent Turret Advancement





Membrane Filters

Our Partner's superior membrane disc filters provide consistent and reliable results. Optimized for HPLC media preparation, pharmaceuticals and cold sterilization, they are available in a variety of sizes and membranes.

Membrane sizes from disc to roll can be customized.

Ordering Information:

0 M	1 Membrane	2 Diameter	3 Sterile	4 Pore size	5 Membrane characteristics
Membrane Disc	PVDF PTFE Nylon MCE CA PES pp RC GF	013=13mm 025=25mm 047=47mm 090=90mm 142=142mm 293=293mm	N(non-sterile) S(EO)	020=0.22µm 022=0.22µm 045=0.45µm 100=1.0µm 300=3.0µm 500=5.0µm	I = hydrophilic O = hydrophobic
Example: <u>M-PVDF 047 N 045 I</u> = 47mm, PVDF membrane, 0.45µm 0 1 2 3 4 5					



Distributed By:
Krins

Glass Fiber Filters

Micro-glass fiber filters offer high efficiency, submicron particle retention combined with high permeability and high dust holding capacity. Micro-glass filters are made of high-purity borosilicate glass microfibers that are biologically inert and resistant to most solvents and reagents except for hydrofluoric acid and highly concentrated alkali solutions.

Binder-free grades are temperature resistant to about 500°C. Grade MG 550 HA can withstand temperatures to 550°C.

Micro-Glass Fibers without Binder

Model No.	Basic Weight (g/m ²)	Thickness (mm)	Particle Retention in Liquids(µm)	Pressure Drop* (mbar)
KFT-MGA	52	0.23	1.6	38
KFT-MGB	143	0.70	1.0	95
KFT-MGC	52	0.24	1.2	55
KFT-MGD	120	0.53	2.7	140
KFT-MGF	75	0.45	0.7	120
KFT-MGG	65	0.28	1.5	30
KFT-MG 550-HA	65	0.3	1.5	-



Distributed By:
Krins

- Binder-free micro-glass fiber filters

*A=10cm², flow velocity 400cm²/sec

Glass Fiber Filter for "TCLP"

Ordering Information

Model No.	KFT-M-GF142N070M
Typical Applications	U.S. EPA Method 1311
Size	142mm
Filter Material	Borosilicate glass without binder
Thickness	0.45mm
Nominal Pore Size	0.7µm
Pressure Drop	120 bar
Filtration Speed(mis/min)	432µm (17mils)



Glass Fiber Filter for "SS" or "TSS"

Ordering Information

Model No.	KFT-M-GHA047N150M
Size	47mm
Filter Material	Borosilicate glass without binder
Nominal Pore Size	1.5µm
Thickness	360~400µm
Water Flow Rate mL/min/cm2 at 0.3 bar water	250
Air Flow Rate mL/min/cm2 at 0.7 bar (70 kPa, 10psi)	60
Maximum Operating Temperature	Air-550°C
Typical Aerosol Retention	99.98%



Standard Method 2540 D Suspended Solids

Glass Filter for "TSP"

Ordering Information

Model No.	KFT-M-GHA0810N150M
Size	8" x 10" (20 x 25cm)
Filter Material	Borosilicate glass without binder
Nominal Pore Size	1.5µm
Thickness	360~400µm
Water Flow Rate mL/min/cm2 at 0.3 bar water	250
Air Flow Rate mL/min/cm2 at 0.7 bar (70 kPa, 10psi)	60
Maximum Operating Temperature	Air-550°C
Typical Aerosol Retention	99.98%



B5-1

Each filter is covered with PET pad, protecting the filter during transportation.



B5-2

With printed numbers for easy tracking.



Vacuum Filtration System



Vacuum Pump

VS01

- High chemical resistance
- No air pollution, maintenance free
- Built-in thermal protection
- Quiet and low vibration
- Economical Choice



VS08

- High chemical resistance
- No air pollution, maintenance free
- Built-in thermal protection
- Low vibration, high horsepower
- High vacuum, high flow rate



Ordering Information

Model No.	KFT-VS01		KFT-VS08	
	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Frequency				
Power(W)	70		560	
Vacuum(mmHg)	680		700	
Max Flow Rate(L/min)	22	18	110	90
HorsePower (HP)	0.1		0.75	
Noise Level(dBA)	58		61	
N.W. (kg)	4		11	
LxWxH (cm)	20x15x19		35x21x26	

Glass Fiber Filter

Specifications:

Grade	Application
MGC	For TSS or SS (Total suspended solids)
MGF	For TCLP (Toxicity Characteristic Leaching Procedure)142mm, 0.7µm
MG550 HA	For TSS or SS (Total suspended solids)

Filtration Set

47mm Glass Filtration Set

- Quality imported glass material, uniform thickness, no bubbles
- Good sealing performance, high flow rate, standard ground glass joint
- Autoclavable

Model No.	Holder	Ground joint flask
KFT-2000-250	300mL	250mL
KFT-2000-500		500mL
KFT-2000-1000		1000mL
KFT-2000-2000		2000mL
KFT-2000-5000		5000mL
1Set/Pks, 6Pks/CTN		



2000-1000

Stainless Steel Vacuum Filtration Set

- KFT-SUS316
- Excellent Chemical Resistance
- Individual Control Valve

Specifications:

Grade	Commodity	Description
FTF A0204	Manifolds Filtration Apparatus	3 branch, glass funnel
FTF A0205	Manifolds Filtration Apparatus	3 branch, glass funnel
FTF A0221	Manifolds Filtration	3-branch, All SUS, without clamp
FTF A0222	Manifolds Filtration	6-branch, All SUS, without clamp
FTF A0223	All SS Manifolds Vacuum Filtration	3-branch, All SS300ml funnel, with clamp
FTF A0224	All SS Manifolds Vacuum Filtration	6-branch, All SS300ml funnel, with clamp





Vials, Septa & Caps

HPLC Vials & Caps

- High quality
- USP TYPE I Grade
- OEM Accepted



Specifications:

Model No.	Size	Description
KFT-V8A	11.6x32mm	2mL small opening short screw-thread vial, clear
KFT-V8B		2mL small opening short screw-thread vial with write-on spot, clear
KFT-V8C		2mL small opening short screw-thread vial, amber
KFT-V8D		2mL small opening short screw-thread vial with write-on spot, amber
KFT-SC8A8A	Ø8mm	White PTFE/red Silicone Septa, black screw PP cap, 5.5mm centre hole
KFT-SC8AA8A		Pre-slit white PTFE/red Silicone Septa, 8mm black screw PP cap, 5.5mm centre hole
KFT-SC8F8F		Natural PTFE/white Silicone Septa, 8mm black screw PP cap, 5.5mm centre hole
KFT-S8A		White PTFE/red Silicone Septa
KFT-S8F		Natural PTFE/white Silicone Septa
100pcs/pk		

HPLC 2ml Vials & Caps (9-425)



Specifications:

Model No.	Size	Description
KFT-V9A	11.6x32mm	2mL wide opening short screw-thread vial, clear
KFT-V9B		2mL wide opening short screw-thread vial with write-on spot, clear
KFT-V9C		2mL wide opening short screw-thread vial, amber
KFT-V9D		2mL wide opening short screw-thread vial with write-on spot, amber
KFT-9-SP2001-2GM	Φ9mm	9-425 gold open-top magnetic screw cap
KFT-SC9A9A		White PTFE/red Silicone septa, 9mm blue screw-thread pp cap, 6mm centre hole
KFT-SC9A9A-1		9mm blue PP screw cap with bonded white PTFE/red Silicone Septa
KFT-SC9AA9A-2		9mm blue PP screw cap with bonded pre-slit white PTFE/red Silicone Septa
KFT-SC9F9F		Natural PTFE/white Silicone septa, 9mm blue screw-thread pp cap, 6mm centre hole
KFT-SC9FF9F		Pre-slit natural PTFE/non-slit white Silicone septa, 9mm blue screw-thread pp cap, 6mm centre hole
KFT-SC9F9FR		Caps and Septa Blue caps- PP material Septa - natural PTFE/Red Silicone
KFT-S9A		White PTFE/red Silicone septa
KFT-S9F		Natural PTFE/white Silicone septa
KFT-S9FF		Pre-slit natural PTFE/non-slit white silicone septa
100pcs/pk		

2ml Crimp-Top Vials & Caps

- Compatible with Shimadzu Varian, and other
- Caps are made of high-quality aluminum



Specifications

Model No.	Size	Description
KFT-V11A	11.6x32mm	2mL wide opening crimp-top vial, clear
KFT-V11B		2mL wide opening crimp-top vial with write-on spot, clear
KFT-V11C		2mL wide opening crimp-top vial, amber
KFT-V11D		2mL wide opening crimp-top vial with write-on spot, amber
KFT-SC11A11B	Φ12x32mm	Pre-slit white PTFE/red Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole
KFT-SC11A11A	Φ11mm	White PTFE/red Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole
KFT-SC11F11A-1		Non-slip Nature PTFE/White Silicone septa, 11 mm crimp -top aluminum cap, 5.5 mm centre hole
KFT-SC11AA11A		Pre-slit white PTFE/red Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole
100pcs/pk		

Micro Insert & Shell Vials



Specifications:

Model No.	Size	Description
KFT-IPA150	29x5mm	150µL Insert with mandrel interior and polymer feet, for ND8 Vials
KFT-IPB250	29x5.7mm	250µL Insert with mandrel interior and polymer feet, for ND9 Vials
KFT-IPB250-P	29x5.7mm	250µL Plastic Insert with mandrel interior and polymer feet, for ND9 Vials
KFT-IA250	31x5mm	250µL Micro-Insert, clear glass, flat bottom, for ND8 Vials
KFT-IB300	31x6mm	300µL Micro-Insert, clear glass, flat bottom, for ND9 Vials
KFT-V18A	8.2x40mm	1mL shell vials, 1st hydrol glass, clear, 8mm PE-Plug, soft, without insertion
100pcs/pk		

4ml Vials & Caps



Specifications:

Model No.	Size	Description
KFT-V13A	15x45mm	4mL screw-thread vial, clear
KFT-V13B		4mL screw-thread vial, clear with write-on spot
KFT-V13C		4mL screw-thread vial, amber
KFT-V13D		4mL screw-thread vial, with write-on spot, amber
KFT-SC13D13B	Φ13mm	Natural PTFE/natural silicone speta, 13mm black screw PP cap, closed-top
KFT-SC13A13A		White PTFE/red Silicone septa, 13mm black screw PP cap, 8.5mm centre hole
KFT-SC13AA13A		Pre-slit white PTFE/red Silicone septa, 13mm black screw PP cap, 8.5mm centre hole
KFT-S13A		White PTFE/red Silicone septa
100pcs/pk		

8ml & 12ml Vials & Caps



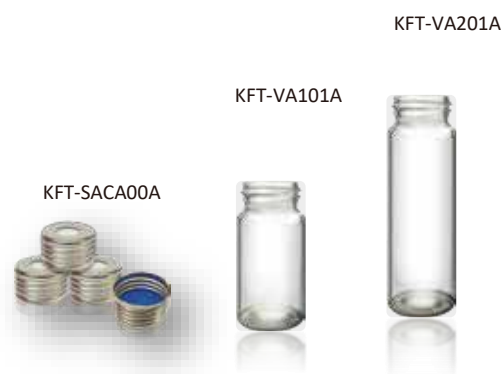
Specifications:

Model No.	Size	Description
KFT-V08A	17x60mm	8ml screw-thread vial, clear, borosilicate
KFT-V08C	17x60mm	8ml screw-thread vial, amber, borosilicate
KFT-V12A	18.75x65mm	12ml screw-thread vial, clear, borosilicate
KFT-V12C	18.75x65mm	12ml screw-thread vial, amber, borosilicate
KFT-SC15D15B	15.5x10mm	Black Closed-top Cap with Natural PTFE/White Silicone septa
100pcs/pk		

Headspace Vials

10ml & 20ml Screw-Tread Headspace Vials & Caps

- Compatible with Shimadzu Varian, and other autosampler
- Caps are made of high-quality aluminum



Specifications:

Model No.	Size	Description
KFT-VA101A	22.5x46mm	10mL Clear precision screw-thread vial, round bottom
KFT-VA201A	22.5x75.5mm	20mL Clear precision screw-thread vial, round bottom
KFT-SACA00A	Φ18mm	Blue PTFE/white silicone septa, 18mm magnetic precision screw-thread metal cap, 8mm centre hold
100pcs/pk		

10ml & 20ml Crimp-Top Headspace Vials & Caps



Specifications:

Model No.	Size	Description
KFT-VH10A	22.5x46mm	10mL crimp headspace clear vial, flat bottom
KFT-VH10B	22.5x46mm	10mL crimp headspace amber vial, flat bottom
KFT-VH20A	22.5x75.5mm	20mL crimp headspace clear vial, flat bottom
KFT-VH20B	22.5x75.5mm	20mL crimp headspace amber vial, flat bottom
KFT-SC20B20A	Φ20mm	Natural PTFE/Natural silicone septa, 20mm crimp-top aluminum cap, 10mm centre hole
KFT-SBC20B20B	Φ20mm	Natural PTFE/Natural silicone speta, 20mm crimp-top blue magnetic aluminum cap, 10mm centre hole
100pcs/pk		

Headspace Vials and Closures

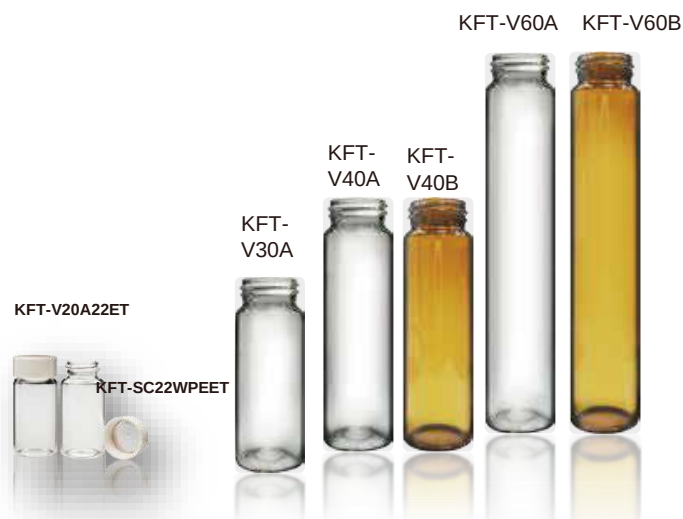
Headspace vials are available in both 10mL and 20mL capacities, flat or rounded bottom. The 20mm crimp caps provide a consistently secure seal.

- Choice of crimp or screw top vials
- Beveled top for maximum secure seal
- Two neck lengths available
- Choice of a pressure safety release cap at 45 psi
- Available in flat or rounded bottom designs

Storage Vials: EPA/Storage/VOA Vial

20mm ~ 60ml Vials

- PTFE septa can resist organic solvents
- Caps are made of high-quality polypropylene



Specifications:

Model No.	Size	Description
KFT-V20A22ET	27x8mm	20mL screw-thread vial, clear glass
KFT-V20B22ET		20mL screw-thread vial, amber glass
KFT-SC22WPEET	Φ22mm	White closed top PP cap + 22mm white PE septa
KFT-V20A	27x58mm	20mL screw-thread vial, clear glass
KFT-V20B		20mL screw-thread vial, amber glass
KFT-V30A	27x75mm	30mL screw-thread vial, clear glass
KFT-V40A	27x95mm	40mL screw-thread vial, clear glass
KFT-V40B		40mL screw-thread vial, amber glass
KFT-V60A	27x140mm	60mL screw-thread vial, clear glass
KFT-V60B		60mL screw-thread vial, amber glass
KFT-SC22A22A	Φ22x3mm	Natural PTFE/Natural Silicone septa 22x3mm, 22mm white screw PP cap, 15mm centre hole
KFT-SC22A22B	Φ22x1.5mm	Natural PTFE/Natural Silicone septa 22x1.5mm, 22mm white screw PP cap, closed-top
KFT-SC22A22C	Φ22x3mm	Natural PTFE/Natural Silicone septa 22x3mm, 22mm black screw PP cap, 15mm centre hole
KFT-SC22A22D	Φ22x1.5mm	Natural PTFE/Natural Silicone septa 22x1.5mm, 22mm black screw polypropylene cap, closed-top
KFT-S22A-I	Φ22x3mm	Natural PTFE/Natural Silicone septa 22x3mm
KFT-S22A-II	Φ22x1.5mm	Natural PTFE/Natural Silicone septa 22x1.5mm
100pcs/pk		

VOA Vials

- VOA vials are specifically designed for use with volatile organic compounds.
- They are available in both clear and amber borosilicate glass and have a temperature range of -40°C to 125°C.
- Ready to use caps: no time-consuming assembly
- No contamination of the liner that is normally caused by manual assembly
- Available as closed top screw or with centre hole in white or black 24-400 caps
- Broad variety of different septa materials for almost all applications

KFT-SC22A22A



KFT-SC22A22B



KFT-SC22A22C



KFT-SC22A22D



9mm Plastic Micro Vials

Product:

- Product Name: 9mm Plastic Micro Vial
- Maximum capacity: 300µL
- Recommended capacity: 250µL
- Bottle height: 32mm
- Thread diameter: 9mm
- Bottom diameter: 11.6mm
- Material: Polypropylene (PP)
- Packing quantity: 100 pcs / box

KFT-VP9A



KFT-VP9C



Specifications:

Model No.	Size	Description
KFT-VP9A	9x11.6mm	0.3mL Short thread micro injection sample vials, clear, Polypropylene
KFT-VP9C	9x11.6mm	0.3mL Short thread micro injection sample vials, amber, Polypropylene
100pcs/pk		

9mm Glass Micro Vials

Product:

- Product Name: 9mm Glass Micro Vial
- Maximum capacity: 300µL
- Recommended capacity: 250µL
- Bottle height: 32mm
- Thread diameter: 9mm
- Bottom diameter: 11.6mm
- Material: borosilicate
- Packing quantity: 100 pcs / box

KFT-VP9A



KFT-VP9B

KFT-VL9C



Model No.	Size	Description
KFT-VL9A	9x11.6mm	300µL thread fusion type vials, clear, borosilicate
KFT-VL9B	9x11.6mm	300µL thread fusion type vials, clear, write-on spot, borosilicate
KFT-VL9C	9x11.6mm	300µL thread fusion type vials, amber, borosilicate
KFT-VL9D	9x11.6mm	300µL thread fusion type vials, amber, write-on spot, borosilicate
100pcs/pk		



Hand Crimpers

Distributed by: Krins



Specifications:

Model No.	Description
KFT-HD11-S	hand crimper, with 11mm crimp seals for 2mL Crimp Top Vial
KFT-HD11-O	hand decapper, with 11mm crimp open for 2mL Crimp Top Vial
KFT-HD20-S	hand crimper, with 20mm crimp seals for 20mL Crimp Top Vial
KFT-HD20-O	hand decapper, with 20mm crimp open for 20mL Crimp Top Vial

- Painted, plated and coated for maximum corrosion resistance
- Adjustable stop for optimal sealing performance
- Textured handles for excellent grip
- Controlled, low-effort method for removing caps, reducing both sample spillage and breakages

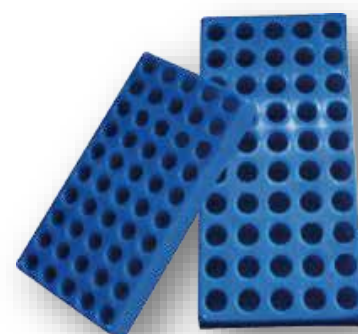
Vials Racks

- 50 slots
- For 2ml or 4ml vials
- Made of polypropylene
- Easy handling and transportation of sample vials
- Solidly constructed for stable standing position

Specifications:

Model No.	Description
KFT-RV001	2ml vials rack (PP), 18.7 x 9.7 x 2.1 cm, 50 slots
KFT-RV002	4ml vials rack (PP), 23.6 x 11.6 x 2.8 cm, 50 slots

KFT-RV001 KFT-RV002





Plasticware

Boston Round Diagnostic Bottle

- Material:**
- HDPE Bottle/PP Closure - Medical Grade resin confirming to USP Class VI
 - Translucent
 - Rigid
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids
 - Good for freezer storage at -100°C

Application: Storage, Packing and Shipping



Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T583170	4	1/8	13	12	72
KT-T583180	8	1/4	20	12	72
KT-T583190	15	1/2	20	12	72

Boston Round Diagnostic Bottle

- Material:**
- PP Bottle/PP Closure - Autoclavable - Medical Grade resin confirming to USP Class VI
 - Translucent
 - Rigid
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids

Application: Storage, Packing and Shipping



Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T582070	4	1/8	13	12	72
KT-T582080	8	1/4	20	12	72
KT-T582090	15	1/2	20	12	72

Boston Round Diagnostic Bottle

- Material:**
- LDPE Bottle/PP Closure - Medical Grade resin confirming to USP Class VI
 - Higher Transparency than HDPE
 - Flexible with excellent impact resistance
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids
 - Good for freezer
 - storage at -100°C



Application: Storage, Packing and Shipping

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T586080	8	1/4	20	12	72
KT-T586090	15	1/2	20	12	72

Amber Boston Round Diagnostic Bottle

- Material:**
- Amber HOPE Bottle/Amber PP Closure - Medical Grade resin confirming to USP Class VI
 - Reduce UV light transmission to help protect light sensitive liquids
 - Amber bottles comply with US Pharmacopoeia 23,661 requirements for maximum light transmission
 - Rigid
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids
 - Good for freezer storage at -100°C



Application: Storage, Packing and Shipping

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T581170	4	1/8	13	12	72
KT-T581180	8	1/4	20	12	72
KT-T581190	15	1/2	20	12	72

Boston Round Narrow Mouth Bottle

Material:

- HDPE Bottle/PP Closure - Medical Grade resin confirming to USP Class VI
- Translucent
- Rigid
- Linerless leak proof closure with integral seal ring
- Ideal for liquids
- Good for freezer storage at -100°C
- Application: Storage, Packing and Shipping



Application: Storage, Packing and Shipping

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T583100	30	1	20	12	72
KT-T583110	60	2	20	12	72
KT-T583120	125	4	24	12	72
KT-T583130	250	8	24	12	72
KT-T583140	500	16	24	12	48
KT-T583150	1000	32	38	6	24

Boston Round Narrow Mouth Bottle

Material:

- PP Bottle/PP Closure - Medical Grade resin confirming to USP Class VI
- Translucent
- Rigid
- Linerless leak proof closure with integral seal ring
- Ideal for liquids
- Autoclavable



Application: Storage, Packing and Shipping

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T582100	30	1	20	12	72
KT-T582110	60	2	20	12	72
KT-T582120	125	4	24	12	72
KT-T582130	250	8	24	12	72
KT-T582140	500	16	24	12	48
KT-T582150	1000	32	38	6	24

Boston Round Narrow Mouth Bottle

- Material:**
- LDPE Bottle/PP Closure - Medical Grade resin confirming to USP Class VI
 - Higher Transparency than HDPE
 - Flexible with excellent impact resistance
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids
 - Good for freezer storage at -100°C

Application: Storage, Packing and Shipping



Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T586200	30	1	20	12	72
KT-T586210	60	2	20	12	72
KT-T586220	125	4	24	12	72
KT-T586230	250	8	24	12	72
KT-T582240	500	16	24	12	48
KT-T582250	1000	32	38	6	24

Amber Boston Round Narrow Mouth Bottle

- Material:**
- Amber HDPE Bottle/ Amber PP Closure - Medical Grade resin confirming to USP Class VI
 - Reduce UV light transmission to help protect light sensitive liquids
 - Amber bottles comply with US Pharmacopoeia 23,661 requirements for maximum light transmission
 - Rigid
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids
 - Good for freezer storage at -100°C

Application: Storage, Packing and Shipping



Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T581200	30	1	20	12	72
KT-T581210	60	2	20	12	72
KT-T581220	125	4	24	12	72
KT-T581230	250	8	24	12	72
KT-T581240	500	16	24	12	48
KT-T581250	1000	32	38	6	24

Large Round Narrow Mouth Bottle

- Material:**
- LDPE Bottle/ PP Closure - Medical Grade resin confirming to USP Class VI
 - Higher Transparency than HDPE
 - Flexible with excellent impact resistance
 - Linerless leak proof closure with integral seal ring
 - Ideal for collecting and storing liquids
 - Good for freezer storage at -100°C
 - 4L and 8L bottles have a built-in shoulder loop for attaching an identification tag



Application: Storage, Packing and Shipping

Cat No	Size Ltr	Size oz	Closure mm	Unit Pack	Case Pack
KT-T586260	2	1/2	38	1	6
KT-T586280	4	1	38	1	6
KT-T586290	8	2	53	1	6

Large Round Narrow Mouth Bottle

- Material:**
- PP Bottle/ PP Closure - Medical Grade resin confirming to USP Class VI
 - Translucent
 - Linerless leak proof closure with integral seal ring
 - Ideal for collecting and storing liquids
 - 4L and 8L bottles have a built-in shoulder loop for attaching an identification tag
 - Autoclavable



Application: Storage, Packing and Shipping

Cat No	Size Ltr	Size oz	Closure mm	Unit Pack	Case Pack
KT-T582180	2	1/2	38	1	6
KT-T582160	4	1	38	1	6
KT-T582190	8	2	53	1	6

Amber Boston Round Narrow Mouth Bottle

Material:

- Amber PP Bottle/ Amber PP Closure - Medical Grade resin confirming to USP Class VI
- Reduce UV light transmission to help protect light sensitive liquids
- Amber bottles comply with US Pharmacopoeia 23,661 requirements for maximum light transmission
- Rigid
- Linerless leak proof closure with integral seal ring
- Ideal for collecting and storing liquids
- 4L and 8L bottles have a built-in shoulder loop for attaching an identification tag

Application: Storage, Packing and Shipping



Cat No	Size Ltr	Size oz	Closure mm	Unit Pack	Case Pack
KT-T582180	2	1/2	38	1	6
KT-T582160	4	1	38	1	6
KT-T582190	8	2	53	1	6

Heavy Duty Vacuum Bottle

Material:

- PP Bottle/ White PP Closure - Medical Grade resin confirming to USP Class VI
- Translucent
- Extra thick rigid walls and closures for rugged performance
- TPE Gasket provides a leak proof seal
- Wide Mouth allows easy filling of contents
- Withstands application of full vacuum for 24 hours at 20°C

Application: Storage, Packing and Shipping



Cat No	Size Ltr	Size oz	Closure mm	Unit Pack	Case Pack
KT-T583255	2	1/2	53	2	12
KT-T582255	4	1	83	1	6

Heavy Duty Vacuum Bottle

- Material:**
- HDPE Bottle/ White PP Closure - Medical Grade resin confirming to USP Class VI
 - Translucent
 - Extra thick rigid walls and closures for rugged performance
 - TPE Gasket provides a leak proof seal
 - Wide Mouth allows easy filling of contents

Application: Storage, Packing and Shipping

Cat No	Size Ltr	Size oz	Closure mm	Unit Pack	Case Pack
KT-T582256	2	1/2	53	2	12
KT-T582257	4	1	83	1	6



Filling / Venting Closure

- Material:**
- White PP
 - Autoclavable closure for aseptic liquid transfer of media, biological reagents and chemicals to and fro heavy-duty vacuum bottles and carboys
 - 53 mm and 83 mm can be used with Heavy Duty vacuum bottle 2Its and 4Its respectively

Cat No	Size mm	Unit Pack	Case Pack
KT-T583216	53	1	6
KT-T583217	83	1	6



Jerrican with Handle

Material:

- HDPE/White PP closure.
- Heavy, rugged design intended for tough application
- Wide Stance and low center of gravity for greater stability
- Graduations molded in liters and gallons
- Leak proof



Cat No	Size Litres	Size gals	Closure mm	L x W x H mm	Unit Pack	Case Pack
KT-T683210	5	1.25	53	253x168x330	1	6
KT-T683220	10	2.5	53	282x189x380	1	6
KT-T683230	20	5.0	53	352x243x470	1	6

Boston Round Wide Mouth Bottle

Material:

- HDPE Bottle/PP Closure - Medical Grade resin confirming to USP Class VI
- Translucent
- Rigid
- Linerless leak proof closure with integral seal ring
- Ideal for liquids
- Good for freezer storage at -100°C
- Wide Mouth allows easy filling of contents



Application: Storage, Packing and Shipping

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T584200	30	1	2	12	72
KT-T584210	60	2	28	12	72
KT-T584220	125	4	38	12	72
KT-T584230	250	8	43	12	72
KT-T584240	500	16	53	12	48
KT-T584250	1000	32	63	6	24

Boston Round Wide Mouth Bottle

- Material:**
- PP Bottle/PP Closure - Medical Grade resin confirming to USP Class VI
 - Translucent
 - Rigid
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids
 - Wide mouth allows easy filling of contents
 - Autoclavable



Application: Storage, Packing and Shipping

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T582200	30	1	28	12	72
KT-T582210	60	2	28	12	72
KT-T582220	125	4	38	12	72
KT-T582230	250	8	43	12	72
KT-T582240	500	16	53	12	48
KT-T582250	1000	32	63	6	24

Boston Round Wide Mouth Bottle

- Material:**
- LDPE Bottle/PP Closure - Medical Grade resin confirming to USP Class VI
 - Higher Transparency than HDPE
 - Flexible with excellent impact resistance
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids
 - Good for freezer storage at -100°C
 - Wide mouth allows easy filling of contents



Application: Storage, Packing and Shipping

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T585200	30	1	28	12	72
KT-T585210	60	2	28	12	72
KT-T585220	125	4	38	12	72
KT-T585230	250	8	43	12	72
KT-T585240	500	16	53	12	48
KT-T585250	1000	32	63	6	24

Amber Boston Round Wide Mouth Bottle

Material:

- Amber HDPE Bottle/Amber PP Closure - Medical Grade resin confirming to USP Class VI
- Reduce UV light transmission to help protect light sensitive liquids
- Amber bottles comply with US Pharmacopoeia 23, 661 requirements for maximum light transmission
- Rigid
- Linerless leak proof closure with integral seal ring
- Ideal for liquids
- Good for freezer storage at -100°C
- Wide mouth allows easy filling of contents



Application: Storage, Packing and Shipping

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T581300	30	1	28	12	72
KT-T581310	60	2	28	12	72
KT-T581320	125	4	38	12	72
KT-T581330	250	8	43	12	72
KT-T581340	500	16	53	12	48
KT-T581350	1000	32	63	6	24

Large Wide Mouth Round Bottle

Material:

- HDPE Bottle with PP closure - Medical Grade resin confirming to USP Class VI
- Translucent
- Rigid
- Linerless leak proof closure with integral seal ring
- Ideal for liquids
- Good for freezer storage at -100°C
- Wide mouth allows easy filling of contents



Application: Storage, Packing and Shipping

Cat No	Size Litres	Size gals	Closure mm	Unit Pack	Case Pack
KT-T584260	2	0.5	100	1	6

Large Wide Mouth Round Bottle

- Material:**
- PP bottle/White PP Screw Closure
 - Specially designed for applications requiring autoclaving of large volumes
 - Not Leak proof.
 - Autoclavable

Application: Storage, Packing and Shipping

Cat No	Size Litres	Size gals	Closure mm	Unit Pack	Case Pack
KT-T582260	2	0.5	100	1	6



Large Wide Mouth Round Bottle

- Material:**
- LDPE Bottle/PP Closure - Medical Grade resin confirming to USP Class VI
 - Higher Transparency than HDPE
 - Flexible with excellent impact resistance
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids
 - Good for freezer storage at -100°C
 - Wide mouth allows easy filling of contents

Application: Storage, Packing and Shipping

Cat No	Size Litres	Size gals	Closure mm	Unit Pack	Case Pack
KT-T585260	2	0.5	100	1	6



Amber Large Wide Mouth Round Bottle

- Material:**
- Amber HDPE Bottle/Amber PP Closure - Medical Grade resin confirming to USP Class VI
 - Reduce UV light transmission to help protect light sensitive liquids
 - Amber bottles comply with US Pharmacopoeia 23, 661 requirements for maximum light transmission
 - Rigid
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids
 - Good for freezer storage at -100°C
 - Wide mouth allows easy filling of contents

Application: Storage, Packing and Shipping

Cat No	Size Litres	Size gals	Closure mm	Unit Pack	Case Pack
KT-T581360	2	0.5	100	1	6



Rectangular Bottle

- Material:**
- HDPE Bottle/PP Closure - Medical Grade resin confirming to USP Class VI
 - Rectangular shape is more space efficient than Boston Round
 - Rigid
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids/dry materials
 - Good for freezer storage at -100°C
 - Wide Mouth allows easy filling and cleaning of contents

Application: Storage, Packing and Shipping

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T583320	125	4	28	12	72
KT-T583330	250	8	38	12	72
KT-T583340	500	16	48	12	48
KT-T583350	1000	32	53	6	24
KT-T583360	2000	64	63	4	12



Amber Rectangular Bottle

- Material:**
- Amber HDPE Bottle/Amber PP Closure - Medical Grade resin confirming to USP Class VI
 - Rectangular shape is more space efficient than Boston Round
 - Reduce UV light transmission to help protect light sensitive liquids
 - Amber bottles comply with US Pharmacopoeia 23, 661 requirements for maximum light transmission
 - Rigid
 - Linerless leak proof closure with integral seal ring
 - Ideal for liquids/dry materials
 - Good for freezer storage at -100°C
 - Wide mouth allows easy filling of contents

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T583420	125	4	28	12	72
KT-T583430	250	8	38	12	72
KT-T583440	500	16	48	12	48
KT-T583450	1000	32	53	6	24
KT-T583460	2000	64	63	1	6



Large Wide Mouth Bottle with Handle

Material:

- HDPE bottle/White PP Closure
- Strong easy to grip handle for convenience and safety while pouring
- Ideal for collecting, storing and transporting liquids and dry chemicals
- Square shape is more space saving than the round shape
- Wide mouth allows easy filling and cleaning of contents
- Good for freezer storage at -100°C



Application: Storage, Packing and Shipping

Cat No	Size Litres	Size gals	Closure mm	Shape	Unit Pack	Case Pack
KT-T583357	4	1	100	Round	1	6
KT-T583358	4	1	100	Square	1	6

Large Wide Mouth Bottle with Handle

Material:

- PP Bottle/White PP Closure
- Strong easy to grip handle for convenience and safety while pouring
- Ideal for storing and sterilizing contaminated slides and other small lab items
- Square Shape is more space saving than the round shape
- Wide mouth allows easy filling and cleaning of contents
- Autoclavable



Application: Storage, Packing and Shipping

Cat No	Size Litres	Size gals	Closure mm	Shape	Unit Pack	Case Pack
KT-T583257	4	1	100	Round	1	6
KT-T583258	4	1	100	Square	1	6

Rectangular Carboy with Stopcock

- Material:**
- HDPE/White PP closure. Medical Grade resin confirming to USP Class VI
 - Tough, rigid, translucent
 - Excellent chemical resistance
 - Ideal for storing and dispensing stock solutions
 - Molded in graduations
 - Sturdy stainless-steel handles

Application: Storage, Packing and Shipping

Cat No	Size Litres	Size gals	L x W x H mm	Unit Pack	Case Pack
KT-T683241	5	1.25	215x150x340	1	6
KT-T683242	10	2.5	260x180x400	1	6
KT-T683243	20	5.0	310x210x500	1	4



Autoclavable Rectangular Carboy with Spigot

- Material:**
- PP/White PP closure. Medical Grade resin confirming to USP Class VI
 - Autoclavable carboys designed as a storage and dispenser media of solutions
 - Ideal for sterile water storage
 - leak resistant
 - Molded in graduations
 - Spigot closure included
 - Sturdy stainless steel handle

Application: Storage, Packing and Shipping

Cat No	Size Litres	Size gals	L x W x H mm	Unit Pack	Case Pack
KT-T683240	5	1.25	215x150x340	1	6
KT-T683250	10	2.5	260x180x400	1	6
KT-T683260	20	5.0	310x210x500	1	4



Handyboy with Stopcock

- Material:**
- HDPE/White PP closure - Medical Grade resin confirming to USP Class VI
 - Low profile design easily fits into tight spaces, shelves or refrigerators
 - Convenient handgrip for safe and easy transport
 - Excellent chemical resistance
 - Leak proof
 - Ideal for storing and dispensing reagents



Cat No	Size Litres	Size gals	L x W x H mm	Unit Pack	Case Pack
KT-T684300	8	2	360x320x150	1	4

Autoclavable Handyboy with Stopcock

- Material:**
- PP/White PP closure - Medical Grade resin confirming to USP Class VI
 - Low profile design easily fits into tight spaces, shelves or refrigerators
 - Good for storing and dispensing reagents
 - Convenient handgrip for safe and easy transport
 - Excellent chemical resistance
 - Leak proof
 - Autoclavable



Cat No	Size Litres	Size gals	L x W x H mm	Unit Pack	Case Pack
KT-T683300	8	2	360x320x150	1	4

Carboy with Handles

- Material:**
- LOPE/White PP Closure - Medical Grade resin confirming to USP Class VI
 - Ideal for storage and transport of reagents
 - Wide shoulder handles, enabling easy carrying and pouring even with gloved hands
 - Leak proof
 - Molded in graduations



Cat No	Size Ltr	Size Gals	Closure mm	Unit Pack	Case Pack
KT-T583371	10	2.5	83	1	6
KT-T583372	20	5.0	83	1	4
KT-T583373	50	13.0	83	1	1

Wide Mouth Carboy with Handle

- Material:**
- LOPE/White PP closure - Medical Grade resin confirming to USP Class VI
 - Proof convenient wide mouth for solids, powders, overhead mixers
 - Molded in graduations



Cat No	Size Ltr	Size Gals	Closure mm	Unit Pack	Case Pack
KT-T583471	10	2.5	100	1	6
KT-T583472	20	5.0	100	1	4

Carboy with Spigot

- Material:**
- LOPE/White PP closure - Medical Grade resin confirming to USP Class VI
 - Suitable for collecting and dispensing distilled water, reagents, acids
 - Has convenient wide shoulder handles
 - Molded in graduations
 - Leak Proof
 - Spigot closure included



Cat No	Size Ltr	Size Gals	Closure mm	Unit Pack	Case Pack
KT-T584380	10	2.5	83	1	6
KT-T584390	20	5.0	83	1	4
KT-T584400	50	13.0	83	1	1

Carboy with Tubulation

- Material:**
- LOPE/White PP closure - Medical Grade resin confirming to USP Class VI
 - Molded in graduations
 - Leak Proof
 - Shoulder handles are conveniently wide enabling easy carrying and transportation



Cat No	Size Ltr	Size Gals	Closure mm	Unit Pack	Case Pack
KT-T583471	10	2.5	100	1	6
KT-T583472	20	5.0	100	1	4

Autoclavable Carboys with Handles

- Material:**
- PP/White PP closure - Medical Grade resin confirming to USP Class VI
 - Autoclavable polypropylene carboys are excellent for storing and transporting large batches of culture media, distilled water and other solutions
 - Have wide shoulder handle enabling easy carrying and pouring
 - Molded in graduations
 - Leak Proof



Cat No	Size Ltr	Size Gals	Closure mm	Unit Pack	Case Pack
KT-T583371	10	2.5	83	1	6
KT-T583372	20	5.0	83	1	4
KT-T583373	50	13.0	83	1	1

Autoclavable Wide Mouth Carboy with Handles

- Material:**
- PP/White PP closure - Medical Grade resin confirming to USP Class VI
 - Excellent for microbiological analysis, especially when handling large volumes of powders or other solid samples
 - Mouth conveniently wide with 100 mm closure
 - Molded in graduations
 - Leak Proof
 - Autoclavable



Cat No	Size Ltr	Size Gals	Closure mm	Unit Pack	Case Pack
KT-T583351	10	2.5	100	1	6
KT-T583361	20	5.0	100	1	4

Autoclavable carboys with spigot

- Material:**
- PP/White PP closure - Medical Grade resin confirming to USP Class VI
 - Autoclavable carboys are used as a storage and dispenser media of solutions
 - Molded in graduations
 - Leak Proof
 - Spigot closure included

Cat No	Size Ltr	Size Gals	Closure mm	Unit Pack	Case Pack
KT-T583280	10	2.5	83	1	6
KT-T583290	20	5.0	83	1	4
KT-T583300	50	13.0	83	1	1



Autoclavable carboys with spigot

- Material:**
- PP/White PP closure - Medical Grade resin confirming to USP Class VI
 - Molded in graduations
 - Leak Proof
 - Shoulder handles are conveniently wide enabling easy carrying and transportation

Cat No	Size Ltr	Size Gals	Closure mm	Unit Pack	Case Pack
KT-T585380	10	2.5	83	1	6
KT-T585390	20	5.0	83	1	4



Autoclavable Carboy Heavy Duty with Handle

- Material:**
- PP/White PP closure - Medical Grade resin confirming to USP Class VI
 - Thick walls provide added strength
 - Autoclavable and leak proof
 - Ideal when service conditions are extreme and hold full vacuum upto 8 hrs

Cat No	Size Ltr	Size Gals	Closure mm	Unit Pack	Case Pack
KT-T583265	10	2.5	83	1	6
KT-T583266	20	5.0	83	1	4



Amber Carboy with Handles

- Material:**
- HDPE/Amber PP closure - Medical Grade resin confirming to USP Class VI
 - Meets U.S. Pharmacopoeia Light transmission test (USP 23,661) requirements for storage of light sensitive materials
 - Excellent for storing and mixing photo sensitive chemicals, reagents and buffers
 - Smooth Interior walls ensure the safety of your sample
 - Leak proof

Cat No	Size Ltr	Size Gals	Closure mm	Unit Pack	Case Pack
KT-T583252	10	2.5	83	1	6
KT-T583253	20	5.0	83	1	4



Round Bottles and Carboys

Nominal Capacity	Description	Catalog Number	Approx. Brim Cap. ml	Mat	Color	Screw Closure Size mm	1.D. Neck, mm	O.D. Bottle, mm	Hgt. W/ Closure, mm
4ml	Bottle, NM	KT-T582070	4.3	pp	Natural	13	8.3	16	41
	Bottle, NM	KT-T583170	4.3	HOPE	Natural	13	8.3	16	41
	Bottle, NM	KT-T581170	4.3	HOPE	Amber	13	8.3	16	41
8ml	Bottle, NM	KT-T582080	12	pp	Natural	20	13	25	44
	Bottle, NM	KT-T586080	12	LOPE	Natural	20	13	25	44
	Bottle, NM	KT-T583180	12	HOPE	Natural	20	13	25	44
	Bottle, NM	KT-T581180	12	HOPE	Amber	20	13	25	44
15ml	Bottle, N	KT-T582090	18	pp	Natural	20	13.3	25	58
	Bottle, NM	KT-T586090	18	LOPE	Natural	20	13.3	25	58
	Bottle, NM	KT-T583190	18	HOPE	Natural	20	13	25	58
	Bottle, NM	KT-T581190	18	HOPE	Amber	20	13.3	25	58
30 m	Bottle, NM	KT-T582100	34	pp	Natural	20	13.5	36	62
	Bottle, NM	KT-T586200	34	LOPE	Natural	20	13.5	36	62
	Bottle, NM	KT-T583100	34	HOPE	Natural	20	13.5	36	62
	Bottle, NM	KT-T581200	34	HOPE	Amber	20	13.5	36	62
	Bottle, WM	KT-T582220	35	pp	Natural	28	21.5	36.5	62.5
	Bottle, WM	KT-T585200	35	LOPE	Natural	28	21.5	36.5	62.5
	Bottle, WM	KT-T584200	35	HOPE	Natural	28	21.5	36.5	62.5
	Bottle, WM	KT-T581300	35	HOPE	Amber	28	21.5	36.5	62.5
60 ml	Bottle, NM	KT-T582110	65	pp	Natural	20	14.5	40.5	85
	Bottle, NM	KT-T586210	65	LOPE	Natural	20	14.5	40.5	85
	Bottle, NM	KT-T583110	65	HOPE	Natural	20	14.5	40.5	85
	Bottle, NM	KT-T581210	65	HOPE	Amber	20	14.5	40.5	85
	Bottle, WM	KT-T582210	65	pp	Natural	28	21.5	38.5	85
	Bottle, WM	KT-T585210	65	LOPE	Natural	28	21.5	38.5	85
	Bottle, WM	KT-T584210	65	HOPE	Natural	28	21.5	38.5	85
	Bottle, WM	KT-T581310	65	HOPE	Amber	28	21.5	38.5	85

Round Bottles and Carboys

Nominal Capacity	Description	Catalog Number	Approx. Brim Cap. ml	Mat	Color	Screw Closure Size mm	1.D. Neck, mm	O.D. Bottle, mm	Hgt. W/ Closure, mm
125 ml	Bottle, NM	KT-T582120	140	pp	Natural	24	17.5	51	99
	Bottle, NM	KT-T586220	140	LOPE	Natural	24	17.5	51	99
	Bottle, NM	KT-T583120	140	HOPE	Natural	24	17.5	51	99
	Bottle, NM	KT-T581220	140	HOPE	Amber	24	17.5	51	99
	Bottle, WM	KT-T582220	140	pp	Natural	38	28.5	50.5	99
	Bottle, WM	KT-T585220	140	LOPE	Natural	38	28.5	50.5	99
	Bottle, WM	KT-T584220	140	HOPE	Natural	38	28.5	50.5	99
	Bottle, WM	KT-T581320	140	HOPE	Amber	38	28.5	50.5	99
250 ml	Bottle, NM	KT-T582130	285	pp	Natural	24	17.5	61	133
	Bottle, NM	KT-T586230	285	LOPE	Natural	24	17.5	61	133
	Bottle, NM	KT-T583130	285	HOPE	Natural	24	17.5	61	133
	Bottle, NM	KT-T581230	285	HOPE	Amber	24	17.5	61	133
	Bottle, WM	KT-T582230	290	pp	Natural	43	33	61.5	133
	Bottle, WM	KT-T585230	290	LOPE	Natural	43	33	61.5	133
	Bottle, WM	KT-T584230	290	HOPE	Natural	43	33	61.5	133
	Bottle, WM	KT-T581330	290	HOPE	Amber	43	33	61.5	133
500 ml	Bottle, NM	KT-T582140	525	pp	Natural	28	21.3	73	170
	Bottle, NM	KT-T586240	525	LOPE	Natural	28	21.3	73	170
	Bottle, NM	KT-T583140	525	HOPE	Natural	28	21.3	73	170
	Bottle, NM	KT-T581240	525	HOPE	Amber	28	21.3	73	170
	Bottle, NM	KT-T582141	577	pp	Natural	38	28	75	182
	Bottle, WM	KT-T582240	550	pp	Natural	53	43.5	72.5	170
	Bottle, WM	KT-T585240	550	LOPE	Natural	53	43.5	72.5	170
	Bottle, WM	KT-T584240	550	HOPE	Natural	53	43.5	72.5	170
	Bottle, WM	KT-T581340	550	HOPE	Amber	53	43.5	72.5	170
1 Lit	Bottle, NM	KT-T582150	1060	pp	Natural	38	28	92	216
	Bottle, NM	KT-T586250	1060	LOPE	Natural	38	28	92	216
	Bottle, NM	KT-T583150	1060	HOPE	Natural	38	28	92	216
	Bottle, NM	KT-T581250	1060	HOPE	Amber	38	28	92	216
	Bottle, WM	KT-T582250	1030	pp	Natural	63	53	91.5	199
	Bottle, WM	KT-T585260	1030	LOPE	Natural	63	53	91.5	199
	Bottle, WM	KT-T584260	1030	HOPE	Natural	63	53	91.5	199
	Bottle, WM	KT-T581360	1030	HOPE	Amber	63	53	91.5	199

Round Bottles and Carboys

Nominal Capacity	Description	Catalog Number	Approx. Brim Cap.ml	Mat	Color	Screw Closure Size. mm	I.D. Neck, mm	O.D. Bottle, mm	Hgt. W/Closure, mm
2 Litres	Bottle, NM	KT-T582180	2100	pp	Natural	38	27.5	118	252
	Bottle, NM	KT-T586260	2100	LOPE	Natural	38	27.5	118	252
	Bottle, WM	KT-T582260	2100	pp	Natural	100	90	119	245
	Bottle, WM	KT-T585260	2100	LOPE	Natural	100	90	119	245
	Bottle, WM	KT-T584260	2100	HOPE	Natural	100	90	119	245
	Bottle, WM	KT-T581360	2100	HOPE	Amber	100	90	119	245
	Heavy Duty Vacuum Bottle	KT-T583255	2050	pp	Natural	53	38.5	118	270
4 Litres	Bottle, NM	KT-T582160	430	pp	Natural	38	25.4	154	340
	Bottle, NM	KT-T582170	430	pp	Amber	38	25.4	154	340
	Bottle, NM	KT-T586280	430	LOPE	Natural	38	25.4	154	340
	Bottle, WM with Handle	KT-T583257	4250	pp	Natural	100	86	163	302
	Bottle, WM with Handle	KT-T583357	4250	HOPE	Natural	100	86	163	302
	Heavy Duty Vacuum Bottle	KT-T582255	4100	pp	Natural	83	65	155	338
5 Litres	Aspirator Bottle with Stopcock	KT-T583210	5400	pp	Natural	53	43.5	168	357
8 Litres	Bottle, NM	KT-T582190	8500	pp	Natural	53	39.4	194.7	415
	Bottle, NM	KT-T586290	8500	LOPE	Natural	53	39.4	194.7	415

Round Bottles and Carboys

Nominal Capacity	Description	Catalog Number	Approx. Brim Cap.ml	Mat	Color	Screw Closure Size.mm	I.D. Neck, mm	O.D. Bottle, mm	Hgt. W/Closure, mm
10 Litres	Carboy	KT-T583250	11500	pp	Natural	83	65	249	390
	Carboy	KT-T583252	11500	pp	Amber	83	65	249	390
	Carboy	KT-T583371	11500	LOPE	Natural	83	65	249	390
	Carboy Wide Mouth	KT-T583350	11500	pp	Natural	100	95	249	390
	Carboy Wide Mouth	KT-T583471	11500	LOPE	Natural	100	95	249	390
	Carboy with Stopcock	KT-T583280	11000	pp	Natural	83	65	249	390
	Carboy with Stopcock	KT-T584380	11000	LOPE	Natural	83	65	249	390
	Carboy with Tubulation	KT-T585380	11000	pp	Natural	83	65	249	390
	Carboy with Tubulation	KT-T586380	11000	LOPE	Natural	83	65	249	390
	Aspirator Bottle with Stopcock	KT-T583220	10500	pp	Natural	53	43.5	200	465
20 Litres	Carboy	KT-T583260	22000	pp	Natural	83	65	285	535
	Carboy	KT-T583372	22000	LOPE	Natural	83	65	285	535
	Carboy Wide Mouth	KT-T583360	22000	pp	Natural	100	95	285	535
	Carboy Wide Mouth	KT-T583472	22000	LOPE	Natural	100	95	285	535
	Carboy with Stopcock	KT-T583290	21500	pp	Natural	83	65	285	535
	Carboy with Stopcock	KT-T584390	21500	LOPE	Natural	83	65	285	535
	Carboy with Tubulation	KT-T585390	21500	pp	Natural	83	65	285	535
	Carboy with Tubulation	KT-T586390	21500	LOPE	Natural	83	65	285	535
	Aspirator Bottle with Stopcock	KT-T583230	22700	pp	Natural	53	43.5	265	545
50 Litre	Carboy	KT-T583270	52000	pp	Natural	83	65	376	682
	Carboy	KT-T583373	52000	LOPE	Natural	83	65	376	682
	Carboy with Stopcock	KT-T583300	52000	pp	Natural	83	65	376	682
	Carboy with Stopcock	KT-T584400	52000	LOPE	Natural	83	65	376	682

Rectangular Bottles, Carboys & Jerricans

Nominal Capacity	Description	Catalog Number	Approx . Brim Cap.ml	Material	Color	Screw Closure Size.mm	I.D. Neck, mm	Bottle Dim (L x W), mm	Hgt. W/ Closure, mm
125 ml	Rectangular Bottle	KT-T583320	140	HOPE	Natural	28	21	59X39.5	99
	Rectangular Bottle	KT-T583420	140	HOPE	Amber	28	21	59X39.5	99
250 ml	Rectangular Bottle	KT-T583330	285	HOPE	Natural	38	28.5	74.5X51.5	116
	Rectangular Bottle	KT-T583430	285	HOPE	Amber	38	28.5	74.5X51.5	116
500 ml	Rectangular Bottle	KT-T583340	620	HOPE	Natural	48	38	99.5X64	144
	Rectangular Bottle	KT-T583440	620	HOPE	Amber	48	38	99.5X64	144
1 Litre	Rectangular Bottle	KT-T583350	1100	HOPE	Natural	53	44	127X67	178
	Rectangular Bottle	KT-T583450	1100	HOPE	Amber	53	44	127X67	178
2 Litres	Rectangular Bottle with Handle	KT-T583360	2340	HOPE	Natural	63	52	150X97	237
	Rectangular Bottle with Handle	KT-T583460	2340	HOPE	Amber	63	52	150X97	237
4 Litres	Square Bottle with Handle	KT-T583258	4560	pp	Natural	100	87.5	147.5X147.5	297
	Square Bottle with Handle	KT-T583358	4560	HOPE	Natural	100	87.5	147.5X147.5	297

Rectangular Bottles, Carboys & Jerricans

Nominal Capacity	Description	Catalog Number	Approx. Brim Cap.ml	Mat	Color	Screw Closure Size. mm	I.D. Neck, mm	Bottle Dim (L x W), mm	Hgt. W/ Closure, mm
5 Litres	Rectangular Carboy + Stopcock	KT-T683240	6250	pp	Natural	100	85.5	227X144	342
	Rectangular Carboy + Stopcock	KT-T683241	6250	HOPE	Natural	100	85.5	227X144	342
	Jerrican	KT-T683210	7250	HOPE	Natural	53	38.5	253X168	330
8 Litres	Handyboy with Stopcock	KT-T683300	8300	pp	Natural	63	38	366X300	160
10 Litres	Rectangular Carboy + Stopcock	KT-T683250	11500	pp	Natural	100	85.5	284X176	400
	Rectangular Carboy + Stopcock	KT-T683242	11500	HOPE	Natural	100	85.5	284X176	400
	Jerrican	KT-T683220	11000	HOPE	Natural	53	38.5	282X189	380
20 Litres	Rectangular Carboy + Stopcock	KT-T683260	22000	pp	Natural	100	85.5	342X207	492
	Rectangular Carboy + Stopcock	KT-T683243	22000	HOPE	Natural	100	85.5	342X207	492
	Jerrican	KT-T683230	21500	HOPE	Natural	53	38.5	352X243	470

Resin Quick Reference Chart

	Polypropylene (PP)	Polypropylene Copolymer (PPCO)	Low Density Polypropylene (LDPE)	High Density Polypropylene (HDPE)
High Temperature	135°C	121°C	80°C	120°C
Low Temperature	0°C	-40°C	-100°C	-100°C
Autoclavable	Y	Y	N	N
Microwavable	Y	Marginal	Y	N
Dry Heat (Oven)	N	N	N	N
Freeze	N	Y	Y	Y
Flexibility	Rigid	Moderate	Excellent	Rigid
Clarity	Translucent	Translucent	Translucent	Translucent
Recycling Symbol				

Autoclaving Conditions

	121°C
	15 minutes
	15 psi

CAUTION

Before autoclaving set the closure on top of the container without engaging the threads. During decompression phase of the autoclaving cycle, the pressure within the vessel must be allowed to equalize. Any material stacked or placed over the closure has a potential to cause a vacuum to form, resulting in collapse.

Narrow Mouth Wash Bottle

Material:

- LDPE/PP closure
- Closure and stem molded in one piece hence leak proof
- The tip dispenses a uniform stream of liquid and can be cut back to increase flow

Cat No	Size ml	Size oz	Closure mm	Color	Unit Pack	Case Pack
KT-T560050	125	4	24	Natural	6	48
KT-T560060	250	8	24	Natural	6	36
KT-T560070	500	16	38	Natural	6	24
KT-T560080	1000	32	38	Natural	4	12



Wide Mouth Wash Bottle

Material:

- LDPE/PP closure
- Closure and stem molded in one piece hence leak proof
- The tip dispenses a uniform stream of liquid and can be cut back to increase flow
- Wide mouth allows for easy filling of contents

Cat No	Size ml	Size oz	Closure mm	Color	Unit Pack	Case Pack
KT-T560089	250	8	38	Natural	6	36
KT-T560090	500	16	53	Natural	6	24
KT-T560091	1000	32	53	Natural	4	12



Wash Bottle Side Delivery Tube

Material:

- LDPE/PP closure
- Wide mouth allows for easy filling of contents
- Uniform flow of liquid through the side delivery tube without sputtering
- Leak proof

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T561100	125	4	24	6	48
KT-T561110	250	8	38	4	36
KT-T561120	500	16	38	4	24
KT-T561130	750	25	38	4	24



Drop Dispenser Bottle

Material:

- LDPE/PP closure. Medical Grade resin confirming to USP Class VI
- Convenient one hand operation to Dispense one drop at a time
- Leak proof

Cat No	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T620030	15	0.5	20	12	72
KT-T620040	30	1	20	12	72
KT-T620050	60	2	24	12	48
KT-T620060	125	4	24	12	48
KT-T620070	250	8	24	6	36





Color-Coded Narrow Mouth Wash Bottle

Material: LDPE/PP closure

Cat No	Size ml	Size oz	Closure mm	Color	Unit Pack	Case Pack
KT-T560050-W	125	4	24	White	6	48
KT-T560050-R	125	4	24	Red	6	48
KT-T560050-Y	125	4	24	Yellow	6	48
KT-T560050-B	125	4	24	Blue	6	48
KT-T560050-G	125	4	24	Green	6	48
KT-T560060-W	250	8	24	White	6	36
KT-T560060-R	250	8	24	Red	6	36
KT-T560060-Y	250	8	24	Yellow	6	36
KT-T560060-B	250	8	24	Blue	6	36
KT-T560060-G	250	8	24	Green	6	36
KT-T560070-W	500	16	38	White	6	24
KT-T560070-R	500	16	38	Red	6	24
KT-T560070-Y	500	16	38	Yellow	6	24
KT-T560070-B	500	16	38	Blue	6	24
KT-T560070-G	500	16	38	Green	6	24
KT-T560080-W	1000	32	38	White	4	12
KT-T560080-R	1000	32	38	Red	4	12
KT-T560080-Y	1000	32	38	Yellow	4	12
KT-T560080-B	1000	32	38	Blue	4	12
KT-T560080-G	1000	32	38	Green	4	12



Color-Coded Wide Mouth Wash Bottle

Material: LDPE/PP closure

Cat No	Size ml	Size oz	Closure mm	Color	Unit Pack	Case Pack
KT-T560089-W	250	8	38	White	6	36
KT-T560089-R	250	8	38	Red	6	36
KT-T560089-Y	250	8	38	Yellow	6	36
KT-T560089-B	250	8	38	Blue	6	36
KT-T560089-G	250	8	38	Green	6	36
KT-T560090-W	500	16	53	White	6	24
KT-T560090-R	500	16	53	Red	6	24
KT-T560090-Y	500	16	53	Yellow	6	24
KT-T560090-B	500	16	53	Blue	6	24
KT-T560090-G	500	16	53	Green	6	24
KT-T560091-W	1000	32	53	White	4	12
KT-T560091-R	1000	32	53	Red	4	12
KT-T560091-Y	1000	32	53	Yellow	4	12
KT-T560091-B	1000	32	53	Blue	4	12
KT-T560091-G	1000	32	53	Green	4	12



Safety Labelled Wash Bottle Wide Mouth

Material:

- LDPE/PP Closure
- Highly visible solvent resistant printed wash bottle
- Safety Wash bottle includes a Chemical Abstract Service (CAS) no, National Fire Protection Association (NFPA) Codes and Symbols, Protective Equipment Symbol, Target Organ Information and Hazard codes
- Please note that Sodium Hypochlorite Bottle is White LDPE with HDPE for light protection.
- Toluene is Red LDPE Bottle

Cat No	Size ml	Size oz	Label	Closure mm	Color	Unit Pack	Case Pack
KT-T564000	500	16	Acetone	53	Red	6	24
KT-T564001	500	16	Dichloromethane	53	Yellow	6	24
KT-T564002	500	16	Deionized Water	53	Natural	6	24
KT-T564003	500	16	Distilled Water	53	Natural	6	24
KT-T564004	500	16	Ethanol	53	Natural	6	24
KT-T564005	500	16	Isopropanol	53	Yellow	6	24
KT-T564006	500	16	Ethyl Acetate	53	Green	6	24
KT-T564007	500	16	Machine Oil	53	Natural	6	24
KT-T564008	500	16	Methanol	53	Green	6	24
KT-T564009	500	16	Methyl Ethyl Ketone (MEK)	53	Green	6	24
KT-T564010	500	16	Saline Solution	53	Natural	6	24
KT-T564011	500	16	Soap	53	Green	6	24
KT-T564012	500	16	Sodium Hypochlorite (Bleach)	53	Blue	6	24
KT-T564013	500	16	Water	53	Natural	6	24
KT-T564014	500	16	Toluene	53	Red	6	24

Cat No	Size ml	Size oz	Label	Closure mm	Color	Unit Pack	Case Pack
KT-T564000	500	16	Acetone	53	Red	6	24
KT-T564001	500	16	Dichloromethane	53	Yellow	6	24
KT-T564002	500	16	Deionized Water	53	Natural	6	24
KT-T564003	500	16	Distilled Water	53	Natural	6	24
KT-T564004	500	16	Ethanol	53	Natural	6	24
KT-T564005	500	16	Isopropanol	53	Yellow	6	24
KT-T564006	500	16	Ethyl Acetate	53	Green	6	24
KT-T564007	500	16	Machine Oil	53	Natural	6	24
KT-T564008	500	16	Methanol	53	Green	6	24
KT-T564009	500	16	Methyl Ethyl Ketone (MEK)	53	Green	6	24
KT-T564010	500	16	Saline Solution	53	Natural	6	24
KT-T564011	500	16	Soap	53	Green	6	24
KT-T564012	500	16	Sodium Hypochlorite (Bleach)	53	Blue	6	24
KT-T564013	500	16	Water	53	Natural	6	24
KT-T564014	500	16	Toluene	53	Red	6	24
KT-T564015	500	16	Self Labeling Bottle	53	Natural	6	24
KT-T564016	500	16	Assorted (PKof6)	53		6	24
KT-T565000	1000	32	Acetone	53	Red	4	12
KT-T565001	1000	32	Distilled Water	53	Natural	4	12
KT-T565002	1000	32	Isopropanol	53	Yellow	4	12
KT-T565003	1000	32	Ethanol	53	Natural	4	12
KT-T565004	1000	32	Methanol	53	Green	4	12
KT-T565005	1000	32	Sodium Hypochlorite (Bleach)	53	Blue	4	12
KT-T565006	1000	32	Self Labeling Bottle	53	Natural	4	12

Note:

Assortment Pack includes 1 Bottle each: Acetone, Bleach, Distilled Water, Ethanol, isopropanol and Self Labeling Bottle. Only use Self Labeling Bottle with solvents compatible with LDPE.



Safety Labelled Self Venting Wash Bottle Wide Mouth

Material:

- LDPE/PP Closure
- Nonmetallic vent that prevents the risk of solvent leakage

Cat No	Size ml	Size oz	Label	Closure mm	Color	Unit Pack	Case Pack
KT-T561010	250	8	Acetone	38	Red	6	36
KT-T561011	250	8	Distilled Water	38	Natural	6	36
KT-T561012	250	8	Isopropanol	38	Yellow	6	36
KT-T561013	250	8	Ethanol	38	Natural	6	36
KT-T561014	250	8	Methanol	38	Green	6	36
KT-T561015	250	8	Sodium Hypochlorite	38	Blue	6	36
KT-T561016	250	8	Self Labeling Bottle	38	Natural	6	36
KT-T561017	250	8	Assorted	38	-	6	36
KT-T562010	500	16	Acetone	53	Red	6	24
KT-T562011	500	16	Distilled Water	53	Natural	6	24
KT-T562012	500	16	Isopropanol	53	Yellow	6	24
KT-T562013	500	16	Ethanol	53	Natural	6	24
KT-T562014	500	16	Methanol	53	Green	6	24
KT-T562015	500	16	Sodium Hypochlorite	53	Blue	6	24
KT-T562016	500	16	Self Labeling Bottle	53	Natural	6	24
KT-T562017	500	16	Methyl Ethyl Ketone (MEK)	53	Green	6	24
KT-T562018	500	16	Ethyl Acetate	53	Green	6	24
KT-T562019	500	16	HMIG Code	53	Blue	6	24
KT-T562019	500	16	Assorted	53	-	6	24
KT-T563010	1000	32	Acetone	53	Red	6	12
KT-T563011	1000	32	Distilled Water	53	Natural	6	12
KT-T563012	1000	32	Isopropanol	53	Yellow	6	12
KT-T563013	1000	32	Ethanol	53	Natural	6	12
KT-T563014	1000	32	Methanol	53	Green	6	12
KT-T563015	1000	32	Sodium Hypochlorite	53	Blue	6	12
KT-T563016	1000	32	Self Labeling Bottle	53	Natural	6	12
KT-T563017	1000	32	Methyl Ethyl Ketone (MEK)	53	Green	6	12

Note: Assortment Pack includes 1 Bottle each: Acetone, Bleach, Distilled Water, Ethanol, Isopropanol and Self Labeling Bottle. Only use Self Labeling Bottle with solvents compatible with LDPE.



Vented Wash Bottle - Side Delivery Tube

Material:

- LDPE/PP Closure
- Welded PTFE Membrane in the closure ensures venting of hazardous solvents
- Wide mouth for easy filling
- Sodium Hypochlorite is white LDPE bottle with HDPE closure

Cat No	Size ml	Size oz	Label	Closure mm	Color	Unit Pack	Case Pack
KT-T562100	250	8	Acetone	38	Red	4	36
KT-T562101	250	8	Isopropanol	38	Yellow	4	36
KT-T562102	250	8	Methanol	38	Green	4	36
KT-T562103	250	8	Ethanol	38	Natural	4	36
KT-T562104	250	8	Sodium Hypochlorite (Bleach)	38	Blue	4	36
KT-T562105	250	8	Distilled Water	38	Natural	4	36
KT-T562106	250	8	Deionized Water	38	Natural	4	36
KT-T562200	500	16	Acetone	38	Red	4	24
KT-T562201	500	16	Isopropanol	38	Yellow	4	24
KT-T562202	500	16	Methanol	38	Green	4	24
KT-T562203	500	16	Ethanol	38	Natural	4	24
KT-T562204	500	16	Sodium Hypochlorite (Bleach)	38	Blue	4	24
KT-T562205	500	16	Distilled Water	38	Natural	4	24
KT-T562206	500	16	Deionized Water	38	Natural	4	24
KT-T562300	750	25	Acetone	38	Red	4	24
KT-T562301	750	25	Isopropanol	38	Yellow	4	24
KT-T562302	750	25	Methanol	38	Green	4	24
KT-T562303	750	25	Ethanol	38	Natural	4	24
KT-T562304	750	25	Sodium Hypochlorite (Bleach)	38	Blue	4	24
KT-T562305	750	25	Distilled Water	38	Natural	4	24
KT-T562306	750	25	Deionized Water	38	Natural	4	24

Utility Tray

- Material:**
- HDPE
 - Used for soaking
 - Rolled rim facilitates carrying

Available in multiple dimensions

Cat No	LxWxH mm	Unit Pack	Case Pack
KT-T242001	320x260x70	1	6
KT-T242011	320x260x100	1	6
KT-T240071	360x310x130	1	6
KT-T240091	540x435x130	1	6



Sterilizing Pans

- Material:**
- PP
 - Designed for drying and sterilizing various lab ware
 - Rolled edges for ease of use
 - Tapered for storing
 - Autoclavable

Cat No	LxWxH mm	Unit Pack	Case Pack
KT-T242000	320x260x70	1	6
KT-T242010	320x260x100	1	6
KT-T240070	360x310x130	1	6
KT-T240090	540x435x130	1	6



(A) Autoclavable Test Tube Basket

- Material:**
- PP
 - Ideal for dipping, transport and storage of test tubes
 - Available with lid
 - Good for holding test tubes and other glasswares during autoclaving and washing

(B) Autoclavable Test Tube Basket - Without Lid

Material: PP

(A) Autoclavable Test Tube Basket

Cat No	L x W x H mm	Unit Pack	Case Pack
KT-T180010	110x120x150	1	6
KT-T180020	180x170x160	1	6
KT-T180030	230x230x230	1	6

(B) Autoclavable Test Tube Basket - Without Lid

Cat No	L x W x H mm	Unit Pack	Case Pack
KT-T180040	110x120x150	1	6
KT-T180050	180x170x160	1	6
KT-T180060	230x230x230	1	6



Draining Tray

- Material:**
- PP
 - Autoclavable perforated trays, ideal for draining glassware and plastic ware after cleaning
 - Can be placed in a sink for washing to reduce the chance of damage
 - Corners are round and smooth for easy cleaning
 - Handles for ease of use

Cat No	L x W x H mm	Unit Pack	Case Pack
KT-T10900	400x300x100	1	6



Retort Stand - Centre Support position

Material: • PP

Cat No	L x B mm	Material	Unit Pack	Case Pack
T141010	220x150	PP/Polycoated rod	1	6
T141020	300x200	PP/Polycoated rod	1	6
T143010	220x150	PP/Stainless Steel rod	1	6
T143020	300x200	PP/Stainless Steel rod	1	6



Retort Stand - Side Support position

Material: • PP

Cat No	L x B mm	Material	Unit Pack	Case Pack
T142010	220x150	PP/Polycoated rod	1	6
T142020	300x200	PP/Polycoated rod	1	6
T144010	220x150	PP/Stainless Steel rod	1	6
T144020	300x200	PP/Stainless Steel rod	1	6



Funnel Folder

Material:

- PP
- Non corrosive
- Includes an adaptor ring to adapt itself to hold rods of various diameters
- Autoclavable

Cat No	Type	Unit Pack	Case Pack
KT-T122100	Single	1	6
KT-T122200	Double	1	6



Burette Clamp

Material:

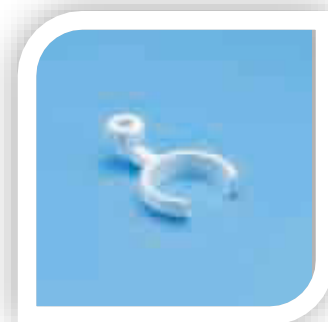
- PP
- Polypropylene spring-loaded clamp
- Grips made of rubber can clamp the burette tight
- Corrosion resistant
- Includes an adaptor ring to adapt itself to hold rods of various diameters
- Autoclavable

Cat No	Type	Unit Pack	Case Pack
KT-T121100	Single	1	6
KT-T121200	Double	1	6



Separatory Funnel Holder

- Material:**
- PP
 - Non corrosive
 - Tapered wedges ensure firm grip of the rods
 - Front opening provides clear view of the solution
 - Includes an adaptor ring to adapt itself to hold rods of various diameters
 - Autoclavable



Cat No	Type	Unit Pack	Case Pack
KT-T123000	Single	1	6

Conical Flask

- Material:**
- PP
 - Autoclavable
 - Liquid level can be seen easily



Cat No	Size ml	Size oz	Unit Pack	Case Pack
KT-T441110	125	4	12	24
KT-T441120	250	8	6	12
KT-T441130	500	16	4	12

Analytical Funnel

- Material:**
- PP-Autoclavable
 - Equivalent to glass funnels but much economic
 - Accepts standard size filter paper
 - Comes with a long narrow bore that works best for liquids
 - External ribs prevent air blockage

Cat No	Size Dia mm	Length of Stem mm	F. Paper Dia mm	Unit Pack	Case Pack
KT-T630010	35	52	55	12	36
KT-T630020	45	50	70	12	36
KT-T630030	55	61	90	12	36
KT-T630040	65	65	110	12	36
KT-T630050	75	80	125	6	36
KT-T630060	90	88	150	6	24
KT-T630070	100	99	18	4	24
KT-T630090	160	151	240	2	12



Disposable Funnel Short Stem

- Material:**
- PP-Autoclavable
 - Inside surface is ribbed and slopes 60° for easy filtration
 - External ribs prevent air blockage
 - Accepts standard size filter paper

Cat No	Size Dia mm	Length of Stem mm	F. Paper Dia mm	Unit Pack	Case Pack
KT-T641010	55	26	110	25	100
KT-T641020	65	22	125	25	100



Funnel Powder

Material:

- PP-Autoclavable
- Economic and unbreakable
- Has large bore hence ideal for transferring powder
- Inside surface is ribbed and slopes 60° for rapid filtration
- External ribs prevent air blockage

Cat No	Size Dia mm	Length of Stem mm	Unit Pack	Case Pack
KT-T650010	65	22	12	36
KT-T650020	80	29	12	36
KT-T650030	100	33	6	24
KT-T650040	150	30	4	24



Large Carboy Funnel

Material:

- PP-Autoclavable
- Extensively used to fill carboys, drums, tanks and barrels due to high capacity and flow
- Chemically resistant
- Have a handle molded at the rim for stability

Cat No	Size Dia mm	Unit Pack	Case Pack
KT-T642060	200	1	2
KT-T642070	250	1	2



Filtering Flask

- Material:**
- PP-Autoclavable
 - Angled arm prevents tipping of the solution
 - Molded in one piece

Cat No	Cap. ml	Fits Tubing, I.D, mm	Stopper no.	Unit Pack	Case pack
KT-T442110	500	6.4-9.5	7	1	2
KT-T442120	1000	6.4-9.5	8	1	2
KT-T442130	1500	9.5	10	1	2



Rotary Pipette Stand Vertical

- Material:**
- PP-Autoclavable
 - Central vertical axis comprises of two discs
 - Axis rotates vertically making it convenient to select the pipette
 - Tips are inserted into perforated bottomed concentric troughs in the lower disc that provides protection
 - Dismantled and stored when not in use
 - Holds upto 94 pipettes

Cat No	Places	Unit Pack	Case pack
KT-T161040	94	1	6



Handypette Pipette Aid

- Material:**
- PP/Silicon- Autoclavable
 - Easy and convenient single hand operation
 - Resistant to acids and alkalis

Cat No	Places	Unit Pack	Case pack
KT- T032000	10	1	4
KT-T033000	25	1	4



Utility Carrier

- Material:**
- PP- Autoclavable
 - Convenient to carry with the centre molded handle
 - Used for carrying various items

Cat No	LxWxH mm	Unit Pack	Case pack
KT- T240080	380x240x115	1	6



Utility Carrier

- Material:**
- HDPE
 - Convenient to carry with the centre molded handle
 - Used for carrying various items

Cat No	LxWxH mm	Unit Pack	Case pack
KT- T240081	380x240x115	1	6

Membrane Filter Holder

Material:

- PSF
- Transparent
- Membrane diameter 47 mm
- Two side arms can be connected to vacuum line
- Receiver graduated
- Cover facilitates convenient storage of sterile filtrate
- Autoclavable

Cat No	Capacity Upper Chamber ml	Capacity Receiver ml	Unit Pack	Case Pack
KT-T050010	250	250	1	1
KT-T050020	500	500	1	1
KT-T050030	500	1000	1	1



Filter Holder with Funnel

Material:

- PSF
- Can be used with filtering flasks or manifolds that accepts a suitable rubber stopper with hole
- Autoclavable

Cat No	Capacity Upper Chamber ml	Unit Pack	Case Pack
KT-T050041	250	1	1



Filter Funnel with Clamp

- Material:**
- PSF
 - Break resistant Nontoxic PSF Funnel is used in microbial and particulate analysis
 - Aluminum clamp allows one handed operation
 - Funnels do not leak after repeated autoclaving

Cat No	Capacity Upper Chamber ml	Unit Pack	Case Pack
KT-T050040	250	1	1



Vacuum Manifold

- Material:**
- SS /PTFE
 - Available in three different sizes
 - Each outlet is designed with a two-way leak proof valve and a vent port
 - Autoclavable

Cat No	Places	Unit Pack	Case pack
KT-T050070	1	1	1
KT-T050050	3	1	1
KT-T050080	6	1	1



Reusable Bottle Top Filter

Material:

- PSF
- This autoclavable, reusable filter housing can be screwed onto standard glass media bottles with 45 mm neck size
- Removable membrane support plate is designed to provide maximum flow rate and through put
- This unit does not include glass media bottle



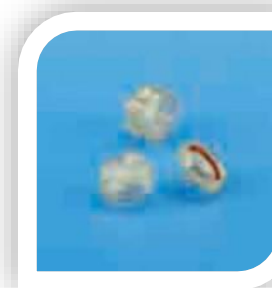
Cat No	Capacity Upper Chamber ml	Unit Pack	Case Pack
KT-T050060	250	1	1
KT-T050061	500	1	1

Syringe Filter

Material:

- PSF
- Autoclavable

Cat No	Size mm	Unit Pack	Case Pack
KT-T521090	25	1	1



In Line Filter Holder

- Material:**
- PSF
 - Used for in line removal of particles or microbial contaminants from liquids and gases
 - Tubing connector accepts 9.5 mm I.D tubing

Cat No	Size mm	Unit Pack	Case Pack
KT-T521080	47	1	1

Open Faced Filter Holder

- Material:**
- PSF, silicon o ring
 - Used for open space sampling of Air for particles and micro organisms, for sampling aerosols and the environment
 - The unit can be used for vacuum filtration only
 - Tubing connector accepts 9.5 mm I.D tubing

Cat No	Size mm	Unit Pack	Case Pack
KT-T521070	47	1	1



Hand operated Vacuum Pump

- Material:**
- PVC
 - Durable Vacuum Pump attains and holds vacuum of 25 inch of mercury
 - The pump has 15 cc/stroke pumping rate and 7 psi g positive pressure at the exhaust port

Cat No	Unit Pack	Case Pack
KT-T402002	1	1



Pipette washer

Material: • PP

Cat No	Pipette Length mm	Unit Pack	Case Pack
KT-T160010	400	1	1



Pipettor Stand

Material: • PMP
• Designed to hold most major pipette brands

Cat No	No. of Pipettes	Unit Pack	Case Pack
KT-T030080	5	1	1



Magnetized Pipette Storage Rack ABS

Material:

- ABS
- ABS plastic construction is scratch resistant and easily cleaned
- Each rack includes two accessory attachments to hold pipette filler and pipette bulb
- Featured 4 angled compartment for easy loading and retrieval
- Unique "Windows" allows viewing of enclosed pipettes to determine supply level
- Magnets present in both the sides helps to securely mount the rack



Cat No	Color Chamber	LxWxH mm Receiver ml	Unit Pack	Case Pack
KT-T161050-W	White	290x85x395	1	1
KT-T161050-R	Red	290x85x395	1	1
KT-T161050-B	Blue	290x85x395	1	1

Pipette Rack Horizontal

Material:

- PP
- Has provisions for 12 straight or small bulb pipette measuring over 200 mm
- Autoclavable
- An excellent kit comprising of two end pieces connected with three rods
- Can be disassembled and stored when not in use



Cat No	Places	Unit Pack	Case pack
KT-T162010	12	1	6

Beaker Griffin Low - Form

- Material:**
- PP
 - Easy to read silk screened graduations
 - Double graduated metric scale
 - Offers excellent chemical resistance
 - Unsuitable for use on a hot plate
 - Meets the ISO 7056:1981 international standard for laboratory plastic ware beakers
 - Stackable
 - Autoclavable



Cat No	Size ml	Unit Pack	Case Pack
KT-T421010	50	12	48
KT-T421020	100	12	48
KT-T421040	250	6	36
KT-T421050	600	4	24
KT-T421060	1000	3	12
KT-T421070	2000	1	6
KT-T421080	5000	1	4
KT-T421090	10000	1	2

Beaker Griffin Low - Form

- Material:**
- PMP
 - Easy to read silk screened graduations
 - Double graduated metric scale
 - Offers excellent chemical resistance
 - Unsuitable for use on a hot plate
 - Meets the ISO 7056:1981 international standard for laboratory plastic ware beakers
 - Stackable
 - Autoclavable
 - Higher transparency, chemical resistance and heat tolerant than PP



Cat No	Size ml	Unit Pack	Case Pack
KT-T422000	50	12	48
KT-T422010	100	12	48
KT-T422020	250	6	36
KT-T422030	600	4	24
KT-T422040	1000	3	12
KT-T422050	2000	1	6
KT-T422060	5000	1	4
KT-T422070	10000	1	2

Beaker Low - Form with Handle

Material:

- PP
- Easy to grip, comfortable handles ensure safer pouring
- Easy to read graduations
- Non drip spout
- Autoclavable

Cat No	Size ml	Unit Pack	Case Pack
KT-T431040	100	1	12
KT-T431050	250	1	12
KT-T431060	600	1	12
KT-T431070	1000	1	6
KT-T431080	2000	1	4
KT-T431090	5000	1	2



Beaker Low - Form with Handle

Material:

- PMP
- Transparency enables clear viewing of the solutions inside
- Easy to read silk screened graduations
- Easy to grip comfortable handle
- Large spout for non drip and effective pouring
- Autoclavable

Cat No	Size ml	Unit Pack	Case Pack
KT-T441040	100	1	12
KT-T441050	250	1	12
KT-T441060	600	1	12
KT-T441070	1000	1	6
KT-T441080	2000	1	4
KT-T441090	5000	1	2



Micro Tips:

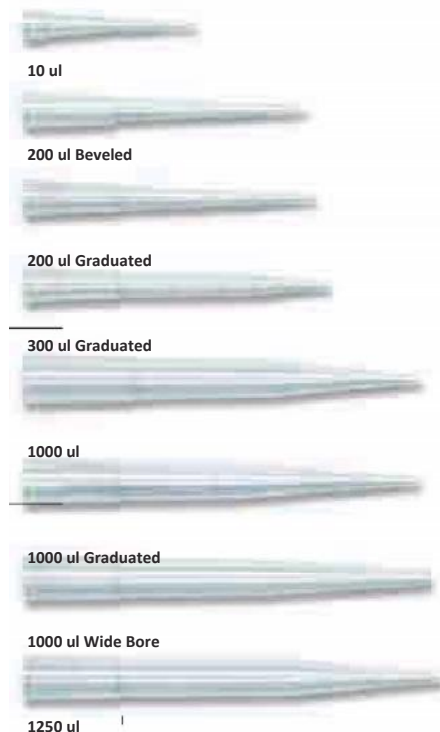


	Bulk	Racked	Racked Sterile	Stack
10 ul - length 30 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓	✓
200 ul Beveled - length 50 mm Beveled reduces contact angle with the surface preventing capillary action. Compatible with Eppendorf and other brand Pipettes	✓			
200 ul Grad - length 53 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓	✓
300 ul Grad - length 55 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓	
1000 ul - length 74 mm Compatible with Eppendorf and other brand Pipettes	✓			
1000 ul Grad - length 71 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓	
1000 ul Wide Bore - length 71 mm Wide bore tips are ideal for working with viscous materials, genomic DNA or delicate cell cultures Compatible with Eppendorf and other brand Pipettes	✓			
1250 ul - length 76 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓	
1250 XL - length 103 mm Easy to reach access restricted sample areas and to reach bottom of long tubes. Compatible with Eppendorf and other brand Pipettes	✓			
5 ml - length 150 mm Easy to reach access restricted sample areas and to reach bottom of long tubes. Compatible with Eppendorf and other brand Pipettes	✓	✓	✓	✓
5 ml Grad - length 120 mm Compatible with Eppendorf and other brand Pipettes	✓			
10 ml Grad- length 165 mm Compatible with Eppendorf and other brand Pipettes	✓			
10 ml Extra Long Grad- length 243 mm Easy to reach access restricted sample areas and to reach bottom of long tubes. Compatible with Eppendorf and other brand Pipettes	✓			

Bulk Bag Pipette Tips

Material: • PP – Autoclavable

Cat No.	Capacity ul /Type	Unit Pack	Case Pack
KT-T521000	10 Graduated	1000	20000
KT-T521010	200 Beveled	1000	10000
KT-T521010 - Y	200 Beveled Yellow	1000	10000
KT-T521014	200 Graduated	1000	10000
KT-T521014 - Y	200 Graduated Yellow	1000	10000
KT-T521013	250 Graduated	1000	10000
KT-T521015	300 Graduated	1000	10000
KT-T521016	1000 Graduated	500	4000
KT-T521016 - B	1000 Graduated Blue	500	4000
KT-T521020	1000	500	4000
KT-T521020 - B	1000 Blue	500	4000
KT-T521017	1000 White Bore	500	4000
KT-T521040	1250	500	4000
KT-T521018	1250 Xtra long	500	4000
KT-T521031	5ml Graduated	250	2500
KT-T521032	5ml	250	2500
KT-T521033	10 ml Graduated	100	1000
KT-T521034	10 ml Graduated Xtra Long	100	1000



Racked Pipette Tips

Material: • PP – Autoclavable
• Medical Grade resin confirming to USP Class VI

Cat No.	Capacity ul /Type	Unit Pack	Case Pack
KT-T521100	10 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T521101	200 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T521101-Y	200 Graduated Yellow	960 (10 Racks)	4800 (50 Racks)
KT-T521107	250 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T521102	300 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T521103	1000 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T521103 - B	1000 Graduated Blue	960 (10 Racks)	4800 (50 Racks)
KT-T521104	1250	960 (10 Racks)	4800 (50 Racks)

Racked Tips- Sterile

- Material:**
- PP – Autoclavable
 - Medical Grade resin confirming to USP Class VI

Cat No.	Capacity ul /Type	Unit Pack	Case Pack
KT-T522100	10 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T522101	200 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T522101 - Y	200 Graduated Yellow	960 (10 Racks)	4800 (50 Racks)
KT-T522105	250 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T522102	300 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T522103	1000 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T522103 - B	1000 Graduated Blue	960 (10 Racks)	4800 (50 Racks)
KT-T522104	1250	960 (10 Racks)	4800 (50 Racks)

Tip Reload System

- Material:**
- PP – Autoclavable
 - Medical Grade resin confirming to USP Class VI

Cat No.	Capacity ul /Type	Unit Pack	Case Pack
KT-T521105	10 Graduated	960 (10 Racks)	9600 (100 Racks)
KT-T521106	200 Graduated	960 (10 Racks)	9600 (100 Racks)
KT-T521106 - Y	200 Graduated Yellow	960 (10 Racks)	9600 (100 Racks)

MAXIPENSE™ Low Retention Tips

Material:

- PP – Autoclavable
- Medical Grade PP confirming USP Class VI
- Maxipense, low retention surface is achieved by treatment on molecular level, modifying the surface of the polymer with very low co-efficient of friction which is not affected by radiation or autoclaving
- These tips are not coated and are free from any additives which might contaminate your valuable sample, thus eliminates the loss of expensive reagents and having very high reproducible results
- Very useful for sensitive PCR® and real time PCR® applications
- Certified DNase, RNase and Pyrogen free



Standard Tip



Maxipense Tip

	Bulk	Racked	Racked Sterile
10 ul - length 30 Compatible with Eppendorf and other brand Pipettes	✓	✓	✓
200 ul Beveled - length 50 mm Compatible with Eppendorf and other brand Pipettes	✓		
200 ul Grad - length 53 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓
300 ul Grad - length 55 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓
1000 ul - length 74 mm Compatible with Eppendorf and other brand Pipettes	✓		
1000 ul Grad - length 71 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓
1000 ul Wide Bore - length 71 mm Compatible with Eppendorf and other brand Pipettes	✓		
1250 ul - length 76 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓

MAXIPENSE™ Ultra Low Retention Bulk Bagged Pipette Tips

Material: • PP – Autoclavable

Cat No.	Capacity ul /Type	Unit Pack	Case Pack
KT-T523100	10 Graduated	1000	20000
KT-T523101	200 Beveled	1000	10000
KT-T523102	200 Graduated	1000	10000
KT-T523108	250 Graduated	1000	10000
KT-T523103	300 Graduated	1000	10000
KT-T523104	1000	500	4000
KT-T523105	1000 Graduated	500	4000
KT-T523106	1000 White Bore	500	4000
KT-T523107	1250	500	4000

Racked MAXIPENSE™ Ultra Low Retention Tips

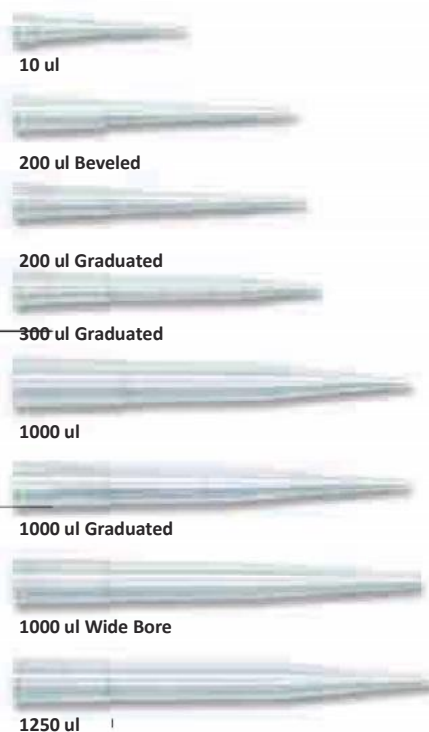
Material: • PP – Autoclavable
• Medical Grade resin confirming to USP Class VI

Cat No.	Capacity ul /Type	Unit Pack	Case Pack
KT-T524100	10 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T524101	200 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T524105	250 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T524102	300 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T524103	1000 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T524104	1250	960 (10 Racks)	4800 (50 Racks)

Racked MAXIPENSE™ Ultra Low Retention Tips - Sterile

Material: • PP – Autoclavable
• Medical Grade resin confirming to USP Class VI

Cat No.	Capacity ul / Type	Unit Pack	Case Pack
KT-T526100	10 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T526101	200 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T526105	250 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T526102	300 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T526103	1000 Graduated	960 (10 Racks)	4800 (50 Racks)
KT-T526104	1250	960 (10 Racks)	4800 (50 Racks)



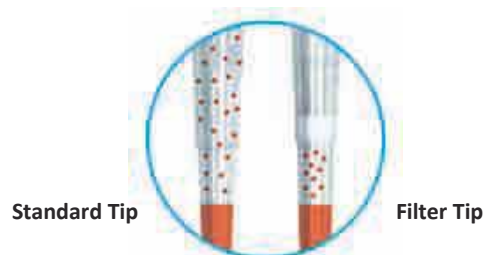
Filter Tips

Material: • Medical Grade PP confirming to USP Class



	BULK	Racked Sterile	Maxipense Racked Sterile
10 ul - length 30 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓
20 ul - length 53 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓
50 ul - length 55 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓
100 ul - length 55 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓
200 ul - length 55 mm Compatible with Eppendorf and other brand Pipettes	✓	✓	✓
300 ul - length 55 mm Compatible with Biohit, Compatible with Eppendorf and other brand Pipettes	✓ ✓	✓ ✓	✓ ✓
1000 ul - length 76 mm Compatible with Eppendorf and other brand Pipettes			

- Filter tips have hydrophobic polyethylene filter which protects samples and pipettes from contamination occurring due to Aerosol transfer
- Autoclavable filter tips are used for PCR®, Molecular Biology, Microbiology, Cell Culture and radioactive work
- Certified DNase, RNase and Pyrogen free



Standard Tip

Filter Tip

Bulk Bag Filter Tips

Material: • PP – Autoclavable

Cat No.	Capacity ul / Type	Unit Pack	Case Pack
KT-T527100	10 Graduated	1000	20000
KT-T527101	20 Graduated	1000	10000
KT-T527102	50 Graduated	1000	10000
KT-T527103	100 Graduated	1000	10000
KT-T527104	200 Graduated	1000	10000
KT-T527105	300 Graduated	1000	10000
KT-T527106	1000 Graduated	500	4000

Racked Filter Tips - Sterile

Material: • PP – Autoclavable
• Medical Grade resin confirming to USP Class VI

Cat No.	Capacity ul / Type	Unit Pack	Case Pack
KT-T528100	10 Graduated	1000	20000
KT-T528101	20 Graduated	1000	10000
KT-T528102	50 Graduated	1000	10000
KT-T528103	100 Graduated	1000	10000
KT-T528104	200 Graduated	1000	10000
KT-T528105	300 Graduated	1000	10000
KT-T528106	1000 Graduated	500	4000

Racked Filter MAXIPENSE™ Ultra Low Retention Tips- Sterile

Material: • PP – Autoclavable
• Medical Grade resin confirming to USP Class VI

Cat No.	Capacity ul / Type	Unit Pack	Case Pack
KT-T529100	10 Graduated	1000	20000
KT-T529101	20 Graduated	1000	10000
KT-T529102	50 Graduated	1000	10000
KT-T529103	100 Graduated	1000	10000
KT-T529104	200 Graduated	1000	10000
KT-T529105	300 Graduated	1000	10000
KT-T529106	1000 Graduated	500	4000



10 ul



20 ul



50 ul



100 ul



200 ul



300 ul



1000 ul

Empty Pipette Tip Box

Material: • PP – Autoclavable

Cat no	No. of Places	Capacity ul	Unit Pack	Case pack
KT-T524052	96	10	10	50
KT-T524053	96	200	10	50
KT-T524054	96	1000	10	50
KT-T524080	100	1000	10	50

Note: Cat no. KT-T524080 is a 100-place box suitable for 1000 ul pipette tip Cat no. KT-T521020



Reagent Reservoir

Material: • PP – Autoclavable

Cat no	Capacity ul	Unit Pack	Case pack
KT-T524090	75	6	12



Universal Reagent Reservoir

Material: • PP – Autoclavable

Cat no	Capacity ul	Unit Pack	Case pack
KT-T524091	50	1	12



Individually Wrapped Pipette Tips in a Peel off Pouch - Sterile

Material: • PP – Medical Grade resin confirming to USP Class VI

Cat no	Capacity ul	Unit Pack	Case pack
KT-T520010	10 Graduated	1	400
KT-T520020	200 Graduated	1	400
KT-T520030	1000 Graduated	1	400



Desiccator

These thick-walled vacuum desiccators made in premium plastics which is light and easy to handle. It can hold a vacuum 29 inch of mercury for 24 hrs without grease application. The three-way PP stopcock has a Teflon key and the port accepts 6.35 mm id tube for vacuum suction.

Specifications for Plain and Vacuum Desiccator

Size	150 mm	200 mm	250 mm	300 mm
Flange O.D. of base	172 mm	230 mm	275 mm	335 mm
Inside Diameter	150 mm	198mm	240 mm	296 mm
P.P. plate O.D.	138 mm	188mm	229 mm	290 mm
Total Height	205 mm	255 mm	310 mm	383 mm

Desiccator – Non-Vacuum

Material: • PC/PP

Cat No.	Capacity ul	Unit Pack	Case pack
KT-T401010	150	1	6
KT-T401020	200	1	6
KT-T401030	250	1	6
KT-T401040	300	1	4



Desiccator – Non-Vacuum

Material: • PC/PP

Cat No.	Dia mm	Unit Pack	Case pack
KT-T402010	150	1	6
KT-T402020	200	1	6
KT-T402030	250	1	6
KT-T402040	300	1	4



Desiccator Vacuum- All Clear

Material: • PC/PC

Cat No.	Dia mm	Unit Pack	Case pack
KT-T403010	150	1	6
KT-T403020	200	1	6
KT-T403030	250	1	6
KT-T403040	300	1	4

Desiccator Spare 'O' Ring

Material: • Silicon Rubber

Cat No.	Dia mm	Unit Pack	Case pack
KT-T402011	150	1	6
KT-T402021	200	1	6
KT-T402031	250	1	6
KT-T402041	300	1	4



SPINWIN™ Micro Centrifuge Tube

- Material:**
- PP - Autoclavable
 - These tubes are graduated having a frosted labeling surface
 - Can withstand an RCF of 20,000 X g
 - Easy single hand operation
 - Packed in tamper evident resealable bags
 - Smooth and polished interior surfaces that won't adhere most proteins
 - Very high clarity for optimum sample visibility
 - Certified DNase, RNase and Pyrogen free

Cat No.	Capacity ml	Color	Unit Pack	Case pack
KT-T500000	0.5	Natural	1000	10000
KT-T500010	1.5	Natural	500	5000
KT-T500020	2	Natural	500	5000



SPINWIN™ Colored Micro Centrifuge Tube

Material:

- PP - Autoclavable
- These tubes are graduated having a frosted labeling surface
- Can withstand an RCF of 20,000 X g
- Easy single hand operation
- Packed in tamper evident resealable bags
- Smooth and polished interior surfaces that won't adhere most proteins
- Available in a wide variety of colors
- Amber Vials have 0% light transmission from 270 to 600 nm
- Certified DNase, RNase and Pyrogen free



Cat No.	Capacity ml	Color*	Unit Pack	Case pack
KT-T500012	0.5	Amber	1000	10000
KT-T500000-A	0.5	Assorted	(200 X 5)	10000
KT-T500013	1.5	Amber	500	5000
KT-T500010 - A	1.5	Assorted	(100 X 5)	5000
KT-T500014	2	Amber	500	5000
KT-T500020-A	2	Assorted	(100 X 5)	5000

* Please order the other colors in the following way:

- Red - Cat no. T500000-R, T500010 - R, T500020 - R
- Blue - Cat no. T500000-B, T500010 - B, T500020 - B
- Green - Cat no. T500000-G, T500010 - G, T500020 - G
- Yellow - Cat no. T500000-Y, T500010 - Y, T500020 - Y
- Purple Cat no. T500000-PR, T500010 - PR, T500020 - PR

Assorted colors: Red, Blue, Green, Yellow and Purple

SPINWIN™ MAXIPENSE™ Ultra Low Adhesion Micro Centrifuge Tubes

Material:

- PP - Autoclavable
- These tubes are graduated having a frosted labeling surface
- Can withstand an RCF of 20,000xG
- Easy single hand operation
- Packed in tamper evident resealable bags
- Smooth and polished interior surfaces that won't adhere most proteins
- Very high clarity for optimum sample visibility
- Maxipense™, low retention surface is achieved by treatment on molecular level modifying the surface of the polymer with very low coefficient of friction which is not affected by radiation or autoclaving. These tubes are not coated and are free from any additives which might contaminate the sample
- Certified DNase, RNase and Pyrogen free



Cat No.	Capacity ml	Color	Unit Pack	Case pack
KT-T500015	0.5	Natural	500	5000
KT-T500016	1.5	Natural	250	2500
KT-T500017	2	Natural	250	2500

Micro Pestle

Material:

- PP – Autoclavable

Cat No	Unit Pack	Case pack
KT-T160020	12	12



SPINWIN™ Centrifuge Tubes Conical Bottom

Material:

- PP Tube/HDPE Closure- Autoclavable.
- Medical Grade resin confirming to USP Class VI
- 2 start thread for quick opening and closing of cap
- Uniform wall thickness for superior performance
- Suitable for Cryogenic storage at -80° C
- Leak proof with easy 314th turn and final 114th turn for perfect seal
- Highly visible solvent resistant graduations and labeling area
- Withstands high RCF of 16000xg in an angled rotor with suitable adaptors for conical tubes
- Available either in resealable bags or convenient paper wraps
- Certified DNase, RNase and Pyrogen free



Cat No.	Capacity ml	Type	Sterile	Unit Pack	Case pack
KT-T500031	15	Bulk	No	25	500
KT-T546021	15	Bulk	Yes	25	500
KT-T500031 - RK	15	Rack	No	25	500
KT-T546021 - RK	15	Rack	Yes	25	500
KT-T500041	50	Bulk	No	25	500
KT-T546041	50	Bulk	Yes	25	500
KT-T500041 – RK	50	Rack	No	25	300
KT-T546041 - RK	50	Rack	Yes	25	300

SPINWIN™ Amber Centrifuge Tubes Conical Bottom

Material:

- PP Tube/HDPE Closure- Autoclavable.
- Medical Grade resin confirming to USP Class VI
- Having the same features as the above tubes
- These tubes are used in light sensitive application
- Withstands high RCF of 16000xg in an angled rotor with suitable adaptors for conical tubes

Cat No.	Capacity ml	Type	Sterile	Unit Pack	Case pack
KT-T546011	15	Bulk	No	25	500
KT-T546051	15	Bulk	Yes	25	500
KT-T546011 - RK	15	Rack	No	25	500
KT-T546051 - RK	15	Rack	Yes	25	500
KT-T546031	50	Bulk	No	25	500
KT-T546061	50	Bulk	Yes	25	500
KT-T546031 - RK	50	Rack	No	25	300
KT-T546061 - RK	50	Rack	Yes	25	300



SPINWIN™ Centrifuge Tubes Conical Bottom

Material:

- PP Tube/HDPE Closure
- Withstands RCF of 3000xg in an angled rotor with suitable adaptors for conical tubes

Cat No.	Capacity ml	Type	Sterile	Unit Pack	Case pack
KT-T546010	15	Bulk	Yes	25	500
KT-T546010- RK	15	Rack	Yes	25	500
KT-T546030	50	Bulk	Yes	25	500
KT-T546030- RK	50	Rack	Yes	25	300



Centrifuge Tube Round Bottom

Material:

- PP- Autoclavable.
- Lucid
- Excellent chemical and abrasion resistance
- Economical choice for refrigerated or standard centrifugation
- Uniform wall thickness and extra strength
- 80% of the total capacity must be filled for optimum performance
- Withstands 50,000xg
- offers excellent chemical resistance



Cat No.	Nom Cap ml	Unit pack	Case pack
KT-T542010	16	12	72
KT-T542020	50	12	72

Centrifuge Tube Round Bottom

• **Material:**

- PC- Autoclavable.
- High transparency provides optimum visibility of the samples
- Economical choice for refrigerated or standard centrifugation
- Uniform wall thickness
- 80% of the total capacity must be filled for optimum performance
- Withstands 50,000xg



Cat No.	Nom Cap ml	Unit pack	Case pack
KT-T543010	16	12	72
KT-T543020	50	12	72

Cap- Centrifuge Tube Round Bottom

Material:

- PP- Autoclavable.

Cat No.	Capacity ml	Unit pack	Case pack
KT-T540010	16	12	72
KT-T540020	50	12	72



Centrifuge Tube Round Bottom with Screw Cap

- Material:**
- PP Tube/ PP Closure- Autoclavable.
 - Economical choice for refrigerated or standard centrifugation
 - Uniform wall thickness
 - 80% of the total capacity must be filled for proper performance
 - Withstands up to 50,000xg
 - Biohazard safe and autoclavable
 - Screw closure ensures leak proof



Cat No.	Norn Cap ml	Unit pack	Case pack
KT-T541020	10	12	72
KT-T541030	30	12	72
KT-T541040	50	12	72
KT-T541050	70	12	72

Centrifuge Bottle

- Material:**
- PP Bottle/PP Closure- Autoclavable.
 - Rigid lucid body
 - Offers excellent chemical resistance
 - Bottle must be filled 80% of the total capacity for obtaining optimum result
 - Autoclavable



Cat No.	Capacity ml	Max RCF	Unit Pack	Case pack
KT-T544010	250	27500	4	36
KT-T544020	500	4800	4	24

Centrifuge Tube Box

Material:

- PP - Autoclavable
- More durable and a better alternative to cardboard or foam racks
- Grids properly indexed with clear lid that provides easy tube identification
- Autoclavable

Cat No.	Description	Array	LxWxH mm	Unit Pack	Case pack
KT-T202090	36 Place box for 15 ml Tubes	6x6	145x145x130	1	4
KT-T202100	16 Place box for 50 ml Tubes	4x4	145x145x130	1	4



Sample Box

Material:

- SAN Box/ LDPE Closure.
- These boxes are ideally for dry materials like powders, filters, stoppers, chromatography sheets and fittings suitable for freezer storage
- 500ml box is ideally for electrophoresis gel

Cat No.	Capacity ml	LxWxH mm	Unit Pack	Case pack
KT-T527030	325	129x75x59	4	24
KT-T527040	500	191x156x37	2	12
KT-T527060	1000	127x73x175	2	12
KT-T527070	2000	191x154x94	1	8



Storage Box

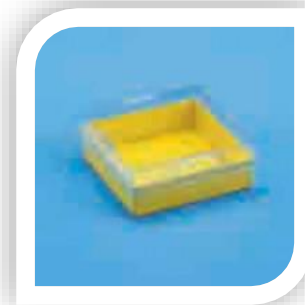
- Material:**
- PC - Autoclavable.
 - These sturdy polycarbonate boxes with transparent cover are used for storage of vials, bottles and bags in freezer and refrigerator

Cat No.	Color*	LxWxH mm	Unit Pack	Case pack
KT-T527080-A	Assorted	133x133x52	4	24

Assorted colors: Blue, Green, Red and Yellow

* Please order the other colors in the following way:

- Blue – KT-T527080 - B • Green – KT-T527080 - G • Red – KT-T527080 - R • Yellow – KT-T527080 - Y



Float Rack

- Material:**
- PC - Autoclavable
 - Used for cloning, microbiology and immunology labs
 - Offers excellent temperature resistance
 - Racks float with a full load of filled tubes
 - Stout handle molded at the center provides support and comfort during transportation

Cat No.	Description	No. of Places	L x W x H mm	Unit pack	Case pack
KT-T240000	Square rack for 1.5ml Tubes	16	95x95x80	4	16
KT-T240040	Round rack for 1.5 ml tubes	8	65Øx75	4	16



Rack for Micro Tube

- Material:**
- Re-enforced PP- Autoclavable
 - Stout and strong with support at the bottom for stability
 - Compatible with both 1.5/2 ml micro tubes
 - Autoclavable

Cat No	Capacity ml	Wells	Color*	LxWxH mm	Unit pack	Case Pack
KT-T240010-W	1.5/2	20	White	209x71x35	5	25

Please order the other colors in the following way:

Blue – KT-T240010-B Red – KT-T240010-R



Rack for Micro Tube

Material:

- PC- Autoclavable
- Autoclavable rack ideal for sample processing and short- or medium-term storage of samples in a freezer
- Can be stacked or coupled to other racks to form a larger workstation



Cat No.	Capacity ml	Wells	Color*	LxWxH mm	Unit pack	Case Pack
KT-T241040-N	0.5	24	Natural	260x60x50	1	8
KT-T241060-N	1.5/2.0	24	Natural	260x60x50	1	8

Please order the other colors in the following way:

Blue – KT-T241040 - B, KT-T241060 - B

Yellow – KT-T241040 -Y, KT-T241060- Y

Green – KT-T241040 - G, KT-T241060- G

Orange -KT-T241040 - O, KT-T241060- O

Polygrid Micro Tube Stand

Material:

- Re-enforced PP- Autoclavable

Cat No.	Cap ml	Places	Color*	LxWxH mm	Unit Pack	Case pack
KT-T205110-W	1.5/2.0(Tube)	128	White	270x130x30	1	8
KT-T205120 -W	1.0/1.8 (Cryo Vial)	84	White	270x130x30	1	8



Please order the other colors in the following way:

Blue – KT-T205110 - B, KT-T205120 - B

Red – KT-T205110 - R, KT-T205120 - R

POLYWIRE™ Rack for Micro Tube

Material:

- Re-enforced nylon – Autoclavable
- Single piece molded rack
- Can be used in wide variety of temperature
- Offers good chemical resistance
- Handle provides much comfort during transportation

Cat No.	Capacity ml	Wells	Color*	LxWxH mm	Unit pack	Case Pack
KT-T241013-W	1.5/2.0	24	White	143x90x52	1	8
KT-T241014-W	1.5/2.0	96	White	201x131x54	1	4

Please order the other colors in the following way:

Blue – KT-T241013 - B, KT-T241014 - B

Red- KT-T241013-R, KT-T241014-R

Yellow – KT-T241013 - Y, KT-T241014 -Y



80 Well Reversible Rack for Micro tubes

Material:

- PP- Autoclavable
- Fraction collector
- Designed to hold 80 nos of 1.5/2 ml tubes whereas the reverse side holds 60 nos 0.5 ml tubes
- Ideal for bench top use or freezer storage
- Handles provide a secure grip during transportation

Cat No	Tubes ml	Wells	Color*	LxWxH mm	Unit pack	Case Pack
KT-T251010 -A	1.5/2.0	80	Assorted	228x67x27	5	25
	0.2/0.5 ml	60				

Please order the other colors in the following way:

• Natural -KT-T251010 - N • Blue – KT-T251010 - B • Green – KT-T251010 - G

• Pink- KT-T251010 – P • Yellow – KT-T251010 -Y • Orange – KT-T251010 - O

• Red – KT-T251010 - R

Assorted colors Blue, Green, Pink, Yellow and Orange



96 Well Reversible Rack with cover for Micro tubes

- Material:**
- PP- Autoclavable
 - Designed to hold 96 nos of 1.5/2 ml tubes whereas the reverse side holds 96 nos 0.5 ml tubes
 - Suitable for both PCR and micro centrifuge tubes
 - Cover is translucent for clear viewing of the samples and protects the samples
 - Ideal for bench top use or freezer storage
 - Handles provide a secure grip during transportation

Cat No.	Tubes ml	Wells	Color*	LxWxH mm	Unit pack	Case Pack
KT-T241010-A	1.5/2.0	96	Assorted	221x131x46	5	25
	0.5	96				

Please order the other colors in the following way:

- Natural- KT-T241010-N • Blue- KT-T241010-B • Green- KT-T241010-G
- Pink- KT-T241010-P • Yellow - KT-T241010-Y • Orange - KT-T241010- O
- Red - KT-T241010- R

Assorted colors: Blue, Green, Pink, Yellow and Orange



96 Well Reversible Rack without cover for Micro tubes

- Material:**
- PP- Autoclavable

Cat No.	Tubes ml	Wells	Color*	LxWxH mm	Unit pack	Case Pack
KT-T251020-A	1.5/2.0	96	Assorted	221x131x26	5	25
	0.5	96				

Please order the other colors in the following way:

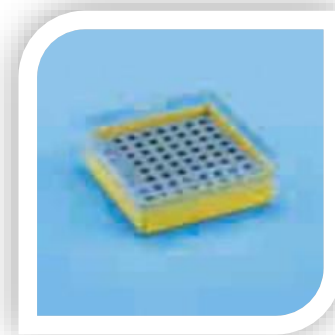
- Natural – KT-T251020- N • Blue -KT-T251020 - B • Green – KT-T251020- G • Pink -KT-T251020- P
- Yellow -KT-T251020-Y • Orange -KT-T251020- O • Red -KT-T251020- R

Assorted colors Blue, Green, Pink, Yellow and Orange

Micro Tube Box

- Material:**
- PC/LOPE
 - Can withstand a wide range of temperature
 - Lid facilitates easy viewing of the samples
 - Accommodates 81/64 tubes

Cat No.	Tubes ml	Place	Unit pack	Case Pack
KT-T524040	0.2	81	4	24
KT-T524060	0.5	81	4	24
KT-T524070	1.5	64	4	24



Test Tube Peg Rack

- Material:**
- Re-Enforced PP- Autoclavable
 - Stout, Rigid and Attractive
 - Ideal for bench work or tube storage
 - Design allows easy viewing of the tube contents
 - Can be used to dry inverted tubes to minimize collection of air borne contaminants inside the tubes
 - Can also be used to hold and dry electrophoresis and chromatography plates
 - Chemically resistant

Cat No.	Tube mm	Color*	Array	LxWxH mm	Unit Pack	Case Pack
KT-T205060-W	13	White	96	179x127x64	2	8
KT-T205070-W	17	White	50	187x105x70	2	8



Please order the other colors in the following way:

Blue - Cat no. KT-T205060 - B, KT-T205070 - B

Red - Cat no. KT-T205060 - R, KT-T205070 - R



POLYWIRE™ Test Tube Rack

- Material:**
- Re-Enforced Nylon- Autoclavable
 - Molded in one piece and have 3 tier grid design
 - They have good thermal and chemical resistance and will not corrode or float in water bath
 - Flat labeling area
 - Available in seven vibrant colors

Cat No.	Size mm	Color*	LxWxH mm	Array	Unit pack	Case pack
KT-T202110-W	13	White	200x102x57	6x12	1	8
KT-T202111-W	16	White	248x127x70	6x12	1	8
KT-T202112-W	20	White	250x102x83	4x10	1	8
KT-T202113-W	25	White	300x121x92	4x10	1	8
KT-T202114-W	30	White	83x108x83	3x8	1	8

Please order the other colors in the following way:

Blue - Cat no. KT-T202110- B, KT-T202111- B, KT-T202112- B, KT-T202113- B and KT-T202114 - B

Red - Cat no. KT-T202110 - R, KT-T202111 - R, KT-T202112 - R, KT-T202113 – R and KT-T202114 - R

Green - Cat no. KT-T202110 - G, KT-T202111 - G, KT-T202112 - G, KT-T202113 - G and KT-T202114 - G

Yellow - Cat no. KT-T202110 - Y, KT-T202111 - Y, KT-T202112 - Y, KT-T202113 - Y and KT-T202114 - Y

Magenta - Cat no. KT-T202110 - M, KT-T202111 - M, KT-T202112 - M, KT-T202113 – M and KT-T202114 -M

Orange - Cat no. KT-T202110 - O, KT-T202111 - O, KT-T202112 - O, KT-T202113 - O and KT-T202114 – O

POLYWIRE™ Economy Test Tube Rack

- Material:**
- Re-Enforced PP- Autoclavable
 - Economical choice to Nylon half racks
 - Molded in one piece and have 3 tier grid design
 - Flat labeling area
 - Available in seven vibrant colors

Cat No.	Size mm	Color*	LxWxH mm	Array	Unit pack	Case pack
KT-T202115-W	13	White	200x102x57	6x12	1	8
KT-T202116-W	16	White	248x127x70	6x12	1	8
KT-T202117-W	20	White	250x102x83	4x10	1	8
KT-T202118-W	25	White	00x121x92	4x10	1	8
KT-T202119-W	30	White	283x108x83	3x8	1	8

Please order the other colors in the following way:

Blue- Cat no. KT-T202115- B, KT-T202116 - B, KT-T202117- B, KT-T202118- B and KT-T202119- B

Red - Cat no. KT-T202115 - R, KT-T202116 - R, KT-T202117 - R, KT-T202118 – R and KT-T202119 - R

Green - Cat no. KT-T202115 - G, KT-T202116 – G, KT-T202117 - G, KT-T202118 - G and KT-T202119 - G

Yellow- Cat no. KT-T202115- Y, KT-T202116 - Y, KT-T202117- Y, KT-T202118- Y and KT-T202119- Y

Magenta - Cat no. KT-T202115 - M, KT-T202116 - M, KT-T202117 - M, KT-T202118 – M and KT-T202119 - M

Orange - Cat no. KT-T202115 - O, KT-T202116 - O, KT-T202117 - O, KT-T202118 - O and KT-T202119 - O



POLYWIRE™ Half Test Tube Rack

- Material:**
- Re-Enforced Nylon- Autoclavable
 - Same features as Polywire Rack Full size but more space efficient which makes them easily fit in ice tray and water baths

Cat No.	Size mm	Color*	LxWxH mm	Array	Unit pack	Case pack
KT-T201010-W	13	White	102x102x56	6x6	1	8
KT-T201011-W	16	White	126x126x68	6x6	1	8
KT-T201012-W	20	White	128x103x83	4x5	1	8
KT-T201013-W	25	White	122x122x75	4x4	1	8
KT-T201014-W	30	White	109x109x84	3x3	1	8

Please order the other colors in the following way:

Blue - Cat no. KT-T201010 - B, KT-T201011 - B, KT-T201012 - B, KT-T201013 - B and KT-T201014 - B

Red - Cat no. KT-T201010 - R, KT-T201011 - R, KT-T201012 - R, KT-T201013 - R and KT-T201014 - R

Green - Cat no. KT-T201010-G, KT-T201011 -G, KT-T201012- G, KT-T201013- G and KT-T201014-G

Yellow- Cat no. KT-T201010 - Y, KT-T201011 - Y, KT-T201012- Y, KT-T201013-Y and KT-T201014 -Y

Magenta - Cat no. KT-T201010 - M, KT-T201011 - M, KT-T201012 - M, KT-T201013 - M and KT-T201014 -M

Orange- Cat no. KT-T201010 - O, KT-T201011 - O, KT-T201012- O, KT-T201013- O and KT-T201014 - O

POLYWIRE™ Economy Half Test Tube Rack

- Material:**
- Re-Enforced PP - Autoclavable
 - Economical choice to Nylon half racks
 - Same features as Polywire Rack Full size but more space efficient which makes them easily fit in ice tray and water baths

Cat No.	Size mm	Color*	LxWxH mm	Array	Unit pack	Case pack
KT-T201015-W	13	White	102x102x56	6x6	1	8
KT-T201016-W	16	White	126x126x68	6x6	1	8
KT-T201017-W	20	White	128x103x83	4x5	1	8
KT-T201018-W	25	White	122x122x75	4x4	1	8
KT-T201019-W	30	White	109x109x84	3x3	1	8

Please order the other colors in the following way:

Blue - Cat no. KT-T201015 - B, KT-T201016 - B, KT-T201017 - B, KT-T201018 - B and KT-T201019 - B

Red - Cat no. KT-T201015 - R, KT-T201016- R, KT-T201017 - R, KT-T201018- R and KT-T201019- R

Green - Cat no. KT-T201015 - G, KT-T201016- G, KT-T201017 - G, KT-T201018- G and KT-T201019-G

Yellow- Cat no. KT-T201015- Y, KT-T201016- Y, KT-T201017 - Y, KT-T201018-Y and KT-T201019- Y

Magenta - Cat no. KT-T201015 - M, KT-T201016 - M, KT-T201017 - M, KT-T201018 - M and KT-T201019 -M

Orange - Cat no. KT-T201015 - O, KT-T201016 - O, KT-T201017 - O, KT-T201018 - O and KT-T201019 -O

COMBILOK™ 4 Way Tube Rack

Material:

- PP- Autoclavable
- Racks can be interlocked to form a larger rack
- Easy to lock and unlock the rack
- These racks can accommodate different sizes of tube
- Holds four 50 ml tubes, twelve 15 ml tubes, thirty-two 1.5 ml micro tubes and thirty-two 0.5 ml micro tubes



Cat No.	Color*	LxWxH mm	Unit Pack	Case pack
KT-T202081-A	Assorted	170x96x60	5	20

Please order the other colors in the following way

Natural - Cat no. KT-T202081 - N, Blue – KT-T202081 - B, Green – KT-T202081 - G,
Pink – KT-T202081 - P, Yellow – KT-T202081 - Y, Orange – KT-T202081 - O

Assorted colors Blue, Green, Pink, Yellow and Orange

Universal Combi 4 Way Tube Rack

Material:

- PP- Autoclavable
- Designed to support a variety of tube sizes
- Can be rotated to any of the four positions for convenience
- Can hold tubes of the following sizes-
Eight 30 mm/50 ml tubes, Twenty 20 mm tubes,
Twenty-Four 17 mm/15ml tubes, Forty 12 mm tubes



Cat No.	Color*	LxWxH mm	Unit Pack	Case pack
KT-T202080-A	Assorted	200x100x96	5	20

Please order the other colors in the following way:

Natural - Cat no. KT-T202080 - N, Blue – KT-T202080 - B, Green -KT-T202080 - G, Pink – KT-T202080 - P,
Yellow -KT-T202080 - Y, Orange – KT-T202080 - O

Assorted colors: Blue, Green, Pink, Yellow and Orange

Drying Rack

- Material:**
- ABS/P
 - Wall mounted with 20 pegs
 - Pegs can be unscrewed and removed in case of larger labware

Cat No.	No of Pegs	Unit Pack	Case Pack
KT-T240050	20	1	1



Drying Rack

- Material:**
- Steel/Polyester
 - Wall mounted with 30 pegs
 - Pegs can be snapped in and out and removed in case of larger lab ware
 - Trough consists of a hole for drainage of water
 - Corrosion free and easy to clean

Cat No.	No of Pegs	Unit Pack	Case Pack
KT-T241100	30	1	1



Polygrid Test Tube Stand

- Material:**
- Re-Enforced PP- Autoclavable
 - Assembled racks designed to hold a variety of test tube

Cat No.	Size mm	Color*	LxWxH mm	Wells/ Array	Unit pack	Case pack
KT-T205010-W	13	White	246x104x64	90/6x15	1	8
KT-T205020-W	16	White	246x104x64	60/5x12	1	8
KT-T205030-W	20	White	246x104x64	40/4x10	1	8
KT-T205040-W	25	White	246x104x64	24/3x8	1	8



Please order the other colors in the following way:

Blue - Cat no. KT-T205010 - B, KT-T205020 - B, KT-T205030 - B and KT-T205040 - B

Red - Cat no. KT-T205010 - R, KT-T205020 - R, KT-T205030 - R and KT-T205040 - R

Yellow - Cat no. KT-T205010 - Y, KT-T205020 - Y, KT-T205030 - Y and KT-T205040 - Y

Test Tube Stand

- Material:**
- Re-Enforced PP
 - Sturdy handles facilitate easy transportation
 - Assembled racks designed to hold a variety of test tubes

Cat No.	Size mm	Color*	LxWxH mm	Wells	Unit pack	Case pack
KT-T202010-W	13	White	272x65x110	31	1	4
KT-T202020-W	16	White	272x65x110	31	1	4
KT-T202030-W	20	White	322x69x129	20	1	4
KT-T202040-W	25	White	322x69x129	18	1	4
KT-T202050-W	32	White	278x83x126	12	1	4

*Please order the other colors in the following way:

Blue - Cat no. KT-T202010 - B, KT-T202020 - B, KT-T202030 - B, KT-T202040 - B and KT-T202050 - B

Red - Cat no. KT-T202010 - R, KT-T202020 - R, KT-T202030 - R, KT-T202040 - R and KT-T202050 - R

Yellow - Cat no. KT-T202010 - Y, KT-T202020 - Y, KT-T202030 - Y, KT-T202040 - Y and KT-T202050 - Y



A) CRYOCHILL™ Vial External Thread

- Material:**
- PP Tube/HOPE Closure. Medical Grade resin confirming to USP class VI
 - They are designed for use in mechanical freezer and the vapor phase of liquid nitrogen
 - They meet the IATA requirements of withstanding evacuation of 95K Pascal without leaking and thus are suitable for transport of diagnostic specimen
 - Leak proof with easy 314th turn and final 114th turn for perfect seal
 - Packed in resealable bags
 - Highly visible graduations and labeling area
 - Two start thread for quick opening and closing of cap
 - Star foot design
 - Certified DNase, RNase and Pyrogen free

Cat No.	Capacity ml	Unit Pack	Case Pack
KT-T523011	1.0 Sterile	25	500
KT-T523021	1.8 Sterile	25	500
KT-T523031	4.5 Sterile	10	250



B) CRYOCHILL™ Vial External Thread-Bulk

- Material:**
- PP Tube/HOPE Closure. Medical Grade resin confirming to USP class VI
 - Same feature as the above Vials but packed in bulk economical bags

Cat No.	Capacity ml	Unit Pack	Case Pack
KT-T523012	1.0 Sterile	1000	1000
KT-T523022	1.8 Sterile	1000	1000
KT-T523032	4.5 Sterile	500	500

C) CRYOCHILL™ Vial External Thread-Bulk Pack Non-Sterile

- Material:**
- PP Tube/HOPE Closure. Medical Grade resin confirming to USP class VI

Cat No.	Capacity ml	Unit Pack	Case Pack
KT-T523041	1.0 Sterile	1000	1000
KT-T523051	1.8 Sterile	1000	1000
KT-T523081	4.5 Sterile	500	500

CRYOCHILL™ Vial Internal Thread with Silicone Washer

Material: • PP Tube/HOPE Closure. Medical Grade resin confirming to USP class VI

Cat No.	Capacity ml	Unit Pack	Case Pack
KT-T523192	1.0 Sterile	25	500
KT-T523193	1.8 Sterile	25	500
KT-T523194	4.5 Sterile	10	250



CRYOCHILL™ Cooler

Material: • PP
• These coders fit both external thread and internal thread wire

Cat No.	Color*	Unit Pack / Case Pack
KT-T523111	White	100/500

* Please order the other colors in the following way:

• Blue-KT-T523112 • Red-KT-T523113 • Yellow-KT-T523114 and • Green-KT-T523115



Rack for CRYOCHILL™ Vials

Material: • PC- Autoclavable
• Cryochill Vials can be locked in the base of these racks to allow single handed opening and closing of the vials

Cat No.	Wells	LxWxH mm	Color*	Unit Pack	Case Pack
KT-T241051 -W	50	195x101x24	White	1	4

* Please order the other colors in the following way:

• Blue – KT-T241051 - B • Red – KT-T241051 – R and • Green – KT-T241051 - G





CRYOCHILL™ Polycarbonate Storage Boxes

Material:

- PC- Autoclavable
- These Cryo Boxes are a durable and economic alternative to flimsy cardboard Cryo Boxes
- These Cryo Boxes can be used in temperatures ranging from -196° C to +121° C
- The printed grid on the lid helps in inventory management and prevents misalignment
- These Boxes accept writing with markers designed for ultra low temperature for easy sample identification Accommodates both internal and external threaded vials as well as standard micro tubes
- Available in a variety of array, capacity and colors

Cat No.	Wells/ Array	Tubes ml	Color*	LxWxH mm	Unit Pack	Case Pack
KT-T524000-W	25/5x5	1.0/ 1.8	White	76x76x51	8	48
KT-T524010-W	81/9x9	1.0/ 1.8	White	133x133x52	4	24
KT-T524020⁺-W	100/10x10	1.0/ 1.8	White	133x133x52	4	24
KT-T524011-W	81/9x9	3.0	White	133x133x82	4	24
KT-T524030-W	81/9x9	4.5	White	133x133x95	4	24

* Please order the other colors in the following way:

Red - Cat no. KT-T524000 - R, KT-T524010 - R, KT-T524020+ - R, KT-T524011 - R, KT-T524030 - R

Yellow - Cat no. KT-T524000 - Y, KT-T524010 - Y, KT-T524020+ - Y, KT-T524011 - Y, KT-T524030 - Y

Green - Cat no. KT-T524000 - G, KT-T524010 - G, KT-T524020+ - G, KT-T524011 - G, KT-T524030 - G

Blue - Cat no. KT-T524000 - B, KT-T524010 - B, KT-T524020+ - B, KT-T524011 - B, KT-T524030 - B

Orange - Cat no. KT-T524000 - O, KT-T524010 - O, KT-T524020+ - O, KT-T524011 - O, KT-T524030 - O

Assorted - Cat no. KT-T524000 - A, KT-T524010 - A, KT-T524020+ - A, KT-T524011 - A, KT-T524030 - A

Assorted colors: Red, Yellow, Green, Blue

+ KT-T524020 -W, KT-T524020 - R, KT-T524020 - Y, KT-T524020 - G, KT-T524020 - B, KT-T524020 - O and KT-T524020 -A can fit only internal thread vials (1 & 1.8 ml) and similar diameter external thread vials.

CRYOCHILL™ Polypropylene Freezer Storage Boxes

Material:

- PP- Autoclavable
- These boxes are designed with a hinge lid for ease of operation as well as to prevent accidental opening of the boxes in deep freezer
- These boxes are stackable and are designed for storage upto -90° C



Cat No.	Wells/ Array	Tubes ml	Color*	LxWxH mm	Unit Pack	Case Pack
KT-T202060-N	50/5x10	1.0/1.8 Cryo Vial	Natural	140x73x59	5	20
		1.5/2.0 Micro Tube				
KT-T202070-N	100/10x10	1.0/1.8 Cryo Vial	Natural	129x129x57	5	20
		1.5/2.0 Micro Tube				
KT-T212060-N	81/9x9	1.0/1.8 Cryo Vial	Natural	141x141x58	5	20
		1.5/2.0 Micro Tube				

* Please order the other colors in the following way:

Blue - Cat no. KT-T202060 - B, KT-T202070 - B, KT-T212060 - B
 Yellow - Cat no. KT-T202060 - Y, KT-T202070 - Y, KT-T212060 - Y
 Orange - Cat no. KT-T202060 - O, KT-T202070 - O, KT-T212060 - O
 Purple - Cat no. KT-T202060 - P, KT-T202070 - P, KT-T212060 - P
 Green - Cat no. KT-T202060 - G, KT-T202070 - G, KT-T212060 - G
 Black - Cat no. KT-T202060 - BK, KT-T202070 - BK, KT-T212060 - BK
 Assorted-Cat no. KT-T202060 -A, KT-T202070 -A, KT-T212060 - A
 (Assorted colors Blue, Yellow, Orange, Green & Purple)

CRYOCHILL™ 1°C Cooler

Material:

- PC/HDPE
- Used for cell Cryo preservation and recovery
- Unit gives -1°C/min cooling rate for 18 Cryo vials of 1 or 1.8 ml
- Needs 100% isopropyl alcohol and mechanical freezer



Cat No.	Wells	Tubes ml	HxDia mm	Unit Pack	Case Pack
KT-T525000	18	1.0/1.8	86x117	1	1

Quick Freeze

- Material:**
- PC/Insulating solution
 - An economical alternative to dry ice solvent baths for quick chilling of specimens

Cat No.	Wells/ Array	LxWxH mm	Unit Pack	Case Pack
KT-T525040	12/4x3	151x108x125	1	1



Rack for CRYOCHILL™ Boxes

- Material:**
- PC - Autoclavable
 - Provides storage space for all standard size Cryo Boxes
 - Vertical construction saves valuable bench space

Cat No.	Places	LxWxH mm	Unit Pack	Case Pack
KT-T524031	4 Boxes	140x140x300	1	6
KT-T524034	8 Boxes	140x140x600	1	6



CRYOCHILL™ Coolers 0°C

Material:

- PC/Non-Toxic Gel
- An alternate to ice bucket for keeping reagents and enzymes cool
- Also protects critical sample from temperature fluctuation in the freezers
- Freeze 0° C mini cooler for 24 hrs at -5° C to -10° C before use

Cat No.	Wells/ Array	Tubes ml	LxWxH mm	Unit Pack	Case Pack
KT-T525010	12/3x4	1.5	151x108x125	1	1
KT-T526010	32/4x8	1.5	243x157x146	1	1
KT-T525020	12/3x4	15	197x140x190	1	1
KT-T526050	12/3x4	Blood Collection Tube	197x140x190	1	1

CRYOCHILL™ Cooler with Gel filled cover 0°C

Material:

- PC/Non-Toxic Gel
- An alternate to ice bucket for keeping reagents and enzymes cool
- Also protects critical sample from temperature fluctuation in the freezers
- Freeze 0° C mini cooler for 24 hrs at -5° C to -10° C before use

Cat No.	Wells/ Array	Tubes ml	LxWxH mm	Unit Pack	Case Pack
KT-T525050	32/4x8	1.5	243x157x146	1	1





CRYOCHILL™ Cooler -20°C

- Material:**
- PC/Non-Toxic Gel
 - An alternate to ice bucket for keeping reagents & enzymes cool
 - Also protects critical sample from temperature fluctuation in the freezers
 - Freeze -20°C mini cooler for 24 hrs at -20°C to -25°C before use

Cat No.	Wells/ Array	Tubes ml	LxWxH mm	Unit Pack	Case Pack
KT-T525030	12/3x4	1.5	151x108x125	1	1
KT-T526030	32/4x8	1.5	243x157x146	1	1
KT-T526040	20/4x5	1.5	151x108x125	1	1

CRYOCHILL™ Cooler with Gel filled cover -20°C

- Material:**
- PC/Non-Toxic Gel
 - An alternate to ice bucket for keeping reagents & enzymes cool
 - Also protects critical sample from temperature fluctuation in the freezers
 - Freeze -20°C mini cooler for 24 hrs at -20° C to -25° C before use

Cat No.	Wells/ Array	Tubes ml	LxWxH mm	Unit Pack	Case Pack
KT-T525060	32/4x8	1.5	243x157x146	1	1

CRYOCHILL™ PCR® Cooler -20°C

- Material:**
- PC/Non-Toxic Gel
 - An alternate to ice bucket for keeping reagents & enzymes cool
 - Also protects critical sample from temperature fluctuation in the freezers
 - Freeze -20°C mini cooler for 24 hrs at -20° C to -25° C before use

Cat No.	Wells/ Array	Tubes ml	LxWxH mm	Unit Pack	Case Pack
KT-T525110	96/8x12	0.2	151x108x125	1	1

CRYOCHILL™ Ice Bucket with Lid

Material:

- PU
- Durable rigid ice bucket is unbreakable in normal use
- Convenient handle makes it easily portable
- Excellent insulating properties suitable for use with liquid nitrogen, dry ice, water ice, salt solution and acetone

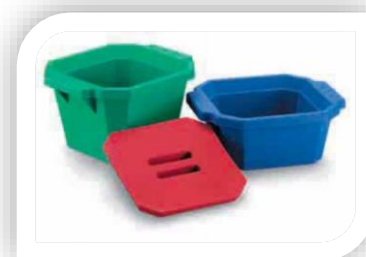
Cat No.	Capacity L	LxWxH mm	Color*	Unit Pack	Case Pack
KT-T525150-BK	2.5	283x283x130	Black	1	1
KT-T525160-BK	4.5	280x280x185	Black	1	1

* Please order the other colors in the following way:

Blue - Cat no. KT-T525150 - B, KT-T525160 - B

Green - Cat no. KT-T525150- G, KT-T525160 - G

Red - Cat no. KT-T525150- R, KT-T525160 - R



CRYOCHILL™ Ice Tray

Material:

- PU
- Durable rigid ice bucket is unbreakable in normal use
- Convenient handle makes it easily portable
- Excellent insulating properties suitable for use with liquid nitrogen, dry ice, water ice, salt solution and acetone

Cat No.	Capacity L	LxWxH mm	Color*	Unit Pack	Case Pack
KT-T525120-BK	1	175x175x100	Black	1	1
KT-T525130-BK	4	315x235x130	Black	1	1
KT-T525140-BK	9	445x375x155	Black	1	1

* Please order the other colors in the following way:

Blue - Cat no. KT-T525120 - B, KT-T525130-B, KT-T525140 - B

Green - Cat no. KT-T525120- G, KT-T525130-G, KT-T525140- G

Red - Cat no. KT-T525120-R, KT-T525130-R, KT-T525140-R



Staining Box

- Material:**
- PP Box, PP Cover/LDPE Plug
 - Good for staining and de-staining and handling of electrophoresis gels and membranes
 - Plug in the box allows easy liquid drainage with minimal gel handling

Cat No.	LxBxH mm	Unit Pack	Case pack
KT-T482020	125x125x50	1	2
KT-T482060	225x225x50	1	2



Staining Box (Amber)

- Material:**
- PP Box, PP Cover/LDPE Plug
 - This box is suitable to be used in light sensitive applications

Cat No.	LxBxH mm	Unit Pack	Case pack
KT-T482080	125x125x50	1	2
KT-T482090	225x225x50	1	2



Staining Box

- Material:**
- PMP Box, PP Cover/LDPE Plug
 - Good for staining and destaining and handling of electrophoresis gels and membranes
 - Plug in the box allows easy liquid drainage with minimal gel handling

Cat No.	LxBxH mm	Unit Pack	Case pack
KT-T482030	125x125x50	1	2
KT-T482070	225x225x50	1	2



Planton - Plant Tissue Culture Container

- Material:**
- PC Container/PP Cover -Autoclavable
 - Unique cap and drip ring make the container ideal for plant tissue culture

Cat No.	LxBxH mm	Unit Pack	Case pack
KT-T020080	75x75x100	1	12



Stirring Rod

- Material:**
- PP-Autoclavable
 - These Autoclavable stirring rod have a flat paddle 16x16 mm at one end and triangular paddle at the other end and an overall length of 245 mm

Cat No.	LxB mm	Unit Pack	Case pack
KT-T144000	16X16	1	12



Micro Test plate

- Material:**
- PS
 - These plates are available in three versions for a variety of application

Cat No.	Type	Wells	Capacity ul	Unit Pack	Case Pack
KT-T941196	Flat Bottom	96	400	1	50
KT-T941296	U Bottom	96	300	1	50
KT-T941396	V Bottom	96	300	1	50

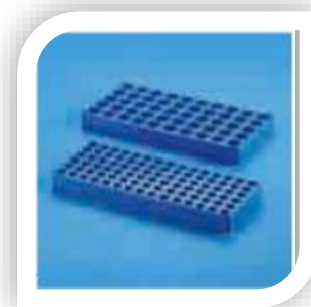


Rack for Scintillation Vial

Material:

- PP- Autoclavable

Cat No.	Wells/Array	Tubes ml	LxWxH mm	Unit Pack	Case Pack
KT-T240020	90/6x15	8	352x145x31	1	2
KT-T240030	50/5x10	20	343x178x31	1	2



Straight Side Wide Mouth

Material:

- PC Jar/PP Closure- Autoclavable
- High clarity and good chemical an impact resistance
- Excellent for cold room and refrigerated use

Cat No.	Size ml	Size oz	Closure mm	Color	Unit Pack	Case Pack
KT-T881080-N	125	4	70	Natural	4	24
KT-T881090-N	250	8	70	Natural	4	24
KT-T881100-N	500	16	120	Natural	4	16
KT-T881111-N	1000	32	120	Natural	4	16



Straight Side Wide Mouth Jar- PMP

Material:

- PMP Jar/PP Closure- Autoclavable
- Offers clarity and good chemical resistance
- Excellent for use in museum, formaldehyde loss is only 2% per year

Cat No.	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T883080	125	4	70	4	24
KT-T883090	250	8	70	4	24
KT-T883300	500	16	120	4	16
KT-T883333	1000	32	120	4	16



Straight Side Wide Mouth Jar

Material:

- PP Jar/PP Closure- Autoclavable
- Translucent and rigid
- Structure provides full access and easy retrieval of samples
- Offers excellent chemical resistance
- Extremely versatile for collection and storing of pastes, solids, specimens and lab supplies
- Repeated Autoclaving



Cat No.	Size ml	Size oz	Closure mm	Unit Pack	Case Pack
KT-T882080	125	4	70	4	24
KT-T882090	250	8	70	4	24
KT-T882200	500	16	120	4	16
KT-T882222	1000	32	120	4	16

Straight Side Wide Mouth Jar

Material:

- Colored PC Jar/ PP Closure- Autoclavable

Cat No.	Size ml	Size oz	Closure mm	Color*	Unit Pack	Case Pack
KT-T881080-B	125	4	70	Blue	4	24
KT-T881090-B	250	8	70	Blue	4	24
KT-T881100-B	500	16	120	Blue	4	16
KT-T881111-B	1000	32	120	Blue	4	16



* Please order the other colors in the following way:

Green - Cat no. KT-T881080-G, KT-T881090-G, KT-T881100-G, KT-T881111-G

Grey- Cat no. KT-T881080-GR, KT-T881090-GR, KT-T881100-GR, KT-T881111-GR

Disposable Graduated Transfer Pipette

Material:

- LDPE
- Unbreakable and graduated
- Eliminates the hazard of damage and exposure to infectious materials
- Ideal for use in blood banking, urinalysis, hematology and microbiology
- Low affinity surface reduces the loss of cells and valuable proteins



Cat no.	Description	Total length mm	Capacity ml	Graduated upto ml	Unit Pack	Case Pack
KT-T940070	Bulk Bag Non-Sterile	150	5	1	500	6000
KT-T940080	Individually Wrapped Sterile	150	5	1	(1x500)	3000
KT-T940090	20 Pcs per Bag Sterile	150	5	1	(25x20)	3000
KT-T940050	Bulk Bag Non-Sterile	150	7	3	500	6000
KT-T940060	Individually Wrapped Sterile	150	7	3	(1x500)	3000
KT-T940091	20 Pcs per Bag Sterile	150	7	3	(25x20)	3000

Radioimmunoassay Vials

Material:

- PP-- Autoclavable
- Translucent
- Used for serology where low absorption of protein is very important
- Tubes can accept common acids, alkalis and solvents at room temperature
- Amber vials have 0% transmission from 270 to 600 nm



Cat No.	Dia x H mm	Color	Unit Pack	Case pack
KT-T850020	12x75	Natural	500	10000
KT-T850070	12x75	Amber	500	10000
KT-T850060	12x40	Natural	500	10000
KT-T850071	12x40	Amber	500	10000

Radioimmunoassay Vials

Material:

- PS
- Transparent
- Used in coagulation and bacteriology
- Tubes can accept weak acids, mild bases and non-organic solvents at room temperature
- Ideal for wide range of applications



Cat No.	Size mm	Color	Unit Pack	Case pack
KT-T850010	12x75	Natural	500	10000
KT-T850050	12x40	Natural	500	10000

Plug Closure for Radioimmunoassay Vials

Material:

- HDPE

Cat No.	Size mm	Color*	Unit Pack	Case pack
KT-T850000	12	Natural	500	10000
KT-T850001	12	Amber	500	10000

* Please order the other colors in the following way:

- White – KT-T850000 - W • Red – KT-T850000 - R • Blue – KT-T850000-B
- Yellow – KT-T850000 - Y • Green – KT-T850000 - G



Petri Dish Radiation Sterile

Material: • PS

Cat No.	Dia x H mm	No. of Vents	Unit Pack	Case Pack
KT-T460095	90x14	3	20	480
KT-T460040	90x14	Non-Vented	20	480



Aseptic Petri Dish

- Material:**
- PS
 - These Petri dishes are manufactured in clean room under aseptic conditions which ensures no contact with any contaminants
 - These Petri dishes are particulate free and have the added advantage of being free of chemical residues produced by ETO which causes false negative reading
 - It also eliminates stress and discoloration caused by radiation sterilization

Cat No.	Dia x H mm	No. of Vents	Unit Pack	Case Pack
KT-T460092	90x14	3	20	500
KT-T460050	90x14	Non-Vented	20	500



Rack for Petri Dish

Material: • PMMA/PC

Cat No.	Places	Petri Dish mm	LxWxH mm	Unit Pack	Case Pack
KT-T270090	60	90	300x200x200	1	2
KT-T270060	56	60	270x140x165	1	2



Storage Vial

- Material:**
- PP Tube/HDPE closure
 - These vials are used in the storage and transport of diagnostic specimen and other solution

Cat No.	Capacity ml	Sterile	Unit Pack	Case Pack
KT-T523070	5	No	500	500
KT-T523080	5	Yes	500	500
KT-T523150	10	No	500	500
KT-T523160	10	Yes	500	500



Coplin Staining Jar

- Material:**
- PP

Cat No.	No. of Places	Unit pack	Case pack
KT-T480000	10	1	12



Slide box for Microscope

- Material:**
- PS
 - Available in three sizes
 - Made from extremely durable high impact polystyrene
 - Index card fits in the lid to record slide title

Cat No.	Places	Color*	LxWxH mm	Unit Pack	Case pack
KT-T481010-W	25	White	125x95x35	1	12
KT-T481020-W	50	White	230x95x35	1	12
KT-T481030-W	100	White	230x185x35	1	6



*Please order the other colors in the following way

- Red - Cat no. KT-T481010 - R, KT-T481020 - R, KT-T481030 - R
- Blue - Cat no. KT-T481010 - B, KT-T481020 - B, KT-T481030 - B 17
- Green - Cat no. KT-T481010 - G, KT-T481020 - G, KT-T481030 - G

Slide Storage Rack

Material:

- ABS/SAN
- The removable rack holds 100 slides in prenumbered slots
- The spacing between each slide allows adequate forward and backward movement for reference and easy removal or insertion of the slides
- The rack is placed in a box with a transparent cover
- For space saving purpose the spacing in the rack permits 2 slides per slot thus providing storage for up to 200 slides



Cat No.	Places	Color*	LxWxH mm	Unit Pack	Case pack
KT-T483000-W	100	White	240x85x95	1	6

*Please order the other colors in the following way:

• Pink – KT-T483000-P • Yellow – KT-T483000-Y • Blue -KT-T483000-B • Green – KT-T483000-G

Slide Draining Rack-ABS

Material:

- ABS

Cat No.	Places	Color*	LxWxH mm	Unit Pack	Case pack
KT-T483010-W	100/200	White	230x75x25	1	6

*Please order the other colors in the following way

• Pink-KT-T483010-P • Yellow-KT-T483010-Y • Blue-KT-T483010-B • Green-KT-T483010-G

Microscope Slide File

Material:

- ABS/SAN
- The slide file holds upto 20 standard microscopic slides
- The base holds the slide horizontally in pre numbered spaces for easy identification
- The transparent cover protects the slides and allow easy reading of ID labels with or without an optical bar code reader



Cat No.	Places	Color*	LxWxH mm	Unit Pack	Case pack
KT-T481060-W	20	White	29x19x15	1	12

*Please order the other colors in the following way

• Grey - T481060 - GR • Yellow - T481060 - Y • Blue - T481060 - B • Green - T481060 - G

Round Magnetic Stirring Bar with Pivot Ring

Material: • PTFE/ Alnico V Magnet

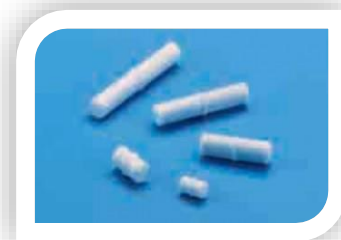
Cat No.	DiaxH mm	Unit Pack	Case Pack
KT-T4210	6x10	10	10
KT-T4110	8x14	10	10
KT-T4111	8x22	10	10
KT-T4112	8x30	10	10
KT-T4113	8x40	10	10
KT-T4114	8x50	10	10
KT-T4115	8x65	5	5
KT-T4120	9.5x14	10	10
KT-T4121	9.5x22	10	10
KT-T4122	9.5x30	10	10
KT-T4123	9.5x40	10	10
KT-T4124	9.5x50	10	10
KT-T4125	9.5x65	5	5
KT-T4133	12.7x38	2	2
KT-T4137	12.7x76	2	2

*Please order the other colors in the following way

Red - Cat no. KT-T481010 - R, KT-T481020 - R, KT-T481030 - R

Blue - Cat no. KT-T481010 - B, KT-T481020 - B, KT-T481030 - B

Green - Cat no. KT-T481010 - G, KT-T481020 - G, KT-T481030 - G



Polygon Magnetic Stirring Bar

Material: • PTFE/ Alnico V Magnet

Cat No.	DiaxH mm	Unit Pack	Case Pack
KT-T4240	6x10	10	10
KT-T4140	8x14	10	10
KT-T4141	8x22	10	10
KT-T4142	8x30	10	10
KT-T4143	8x40	10	10
KT-T4144	8x50	10	10
KT-T4145	8x60	5	5



Octagon Magnetic Stirring Bar

Material: • PTFE/ Alnico V Magnet

Cat No.	DiaxH mm	Unit Pack	Case Pack
KT-T4250	6x10	10	10
KT-T4150	8x14	10	10
KT-T4151	8x22	10	10
KT-T4152	8x30	10	10
KT-T4153	8x40	10	10
KT-T4154	8x50	10	10
KT-T4155	8x60	5	5



Triangular Magnetic Stirring Bar

Material: • PTFE/ Alnico V Magnet
• Ideal for dissolving solids and mixing of sediments

Cat No.	DiaxH mm	Unit Pack	Case Pack
KT-T4180	14x30	2	2
KT-T4181	14x40	2	2
KT-T4182	14x50	2	2



Trapezoidal Magnetic Stirring Bar

Material: • PTFE/ Rare Earth Magnet
• The high energetic rare earth magnet has higher torque and efficiency as compared to conventional stirring bar

Cat No.	DiaxH mm	Unit Pack	Case Pack
KT-T4190	20x45	1	1



Micro Spin Magnetic Stirring Bar

Material:

- PTFE/ Alnico V Magnet

Cat No.	DiaxH mm	Unit Pack	Case Pack
KT-T4160	2x6	10	10
	3x10	(1 set consisting 5 of each size)	



Dumb Bell Magnetic Stirring Bar

Material:

- PTFE/ Alnico V Magnet
- Ideal for vicious mixtures and round bottom container

Cat No.	DiaxH mm	Unit Pack	Case Pack
KT-T4170	20x35	5	5
KT-T4171	20x45	5	5
KT-T4172	20x55	5	5



Spinwings

Material:

- PTFE/ Alnico V Magnet
- These stirring bars are used for effective stirring in small conical and round centrifuge and test tube

Cat No.	Description	Unit Pack	Case Pack
KT-T522000	Triangular, Half Round, Half Round Taper	1 Set consisting 2 of each size	6



Cross Spin Magnetic Stirring Bar

Material: • PTFE/ Alnico V Magnet

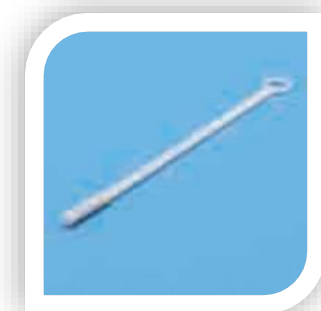
Cat No.	LxB mm	Unit Pack	Case Pack
KT-T4191	9.5x9.5	5 (1 set consisting 1 of each size)	5
	19x19		
	25x25		
	32x32		
	38x38		



Magnetic Retriever

Material: • PTFE/ Alnico V Magnet

Cat No.	Length cm	Unit Pack	Case Pack
KT-T4192	30	2	2





One Stop Solution... Build for perfection!

KRINS LIFE SCIENCES INC.

HEAD OFFICE:

SUITE 302, 2233 ARGENTIA ROAD,
MISSISSAUGA, L5N 6A6, ON,
CANADA

EMAIL: INFO@KRINSLIFESCIENCESLAB.CA

PHONE: +1 289 642 2696

WEB: WWW.KRINSLIFESCIENCESLAB.CA

Disclaimer:

There may be information in our catalogue that contains typographical errors, inaccuracies, or omissions that may relate to product descriptions, specifications, and other details. All weights, measures and colors shown, are best approximations. Krins Lifesciences cannot guarantee & assumes no legal liability or responsibility for the accuracy or completeness of the information provided. The information contained in this catalogue is for general guidance only. Krins Lifesciences reserves the right to change, delete, or otherwise modify the information which is represented without any prior notice.