





## The Production Process



Molding



Lining



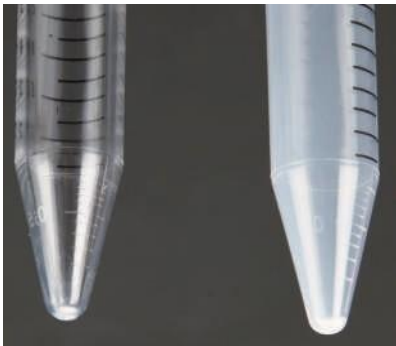
Capping



Labelling



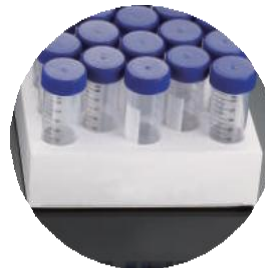
# Centrifuge Tubes



Molded graduation on the top tip of 1.0ml with interval 0.1ml



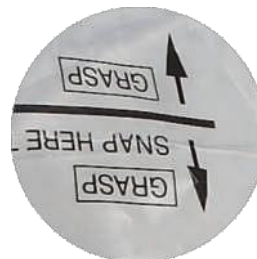
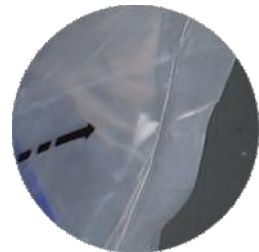
Plug cap ensures high security seal.



Recyclable paper racks



Tear to open using notch at each side



Grasp and snap to open the bag



## Free-Standing centrifuge Tubes, Polypropylene, 50ml

These free-standing (Skirted) bottom tubes are made of ultra-clear polypropylene

Cap Material: HDPE

Leak-proof

White printed graduations with large marking strip for labeling

Graduation Range:	5–47.5ml
Graduation Interval:	2.5ml
Autoclavable:	at 121 °C
Freezable:	–45 °C
Maximum RCF:	7,000xg
Dimensions tube:	29D x 115L mm
Performance:	Dnase/Rnase-free Non-pyrogenic <0.25 EU/ml FDA Registered



Cat. No.	Graduation	Packaging Option	Cap Option	Inner Pack Q'ty	Case Qty	Sterility
31100	Printed Gra.	Bulk	Flat	500	500	NON-
31102	Printed Gra.	Heat Sealed Bag	Flat	25	500	EO
31103	Printed Gra.	Notch Bag	Flat	25	500	EO
31200	Printed Gra.	Bulk	Plug	500	500	NON-
31202	Printed Gra.	Heat Sealed Bag	Plug	25	500	EO
31203	Printed Gra.	Notch Bag	Plug	25	500	EO
31300	Molded Gra.	Bulk	Flat	500	500	NON-
31302	Molded Gra.	Heat Sealed Bag	Flat	25	500	EO
31303	Molded Gra.	Notch Bag	Flat	25	500	EO
31400	Molded Gra.	Bulk	Plug	500	500	NON-
31402	Molded Gra.	Heat Sealed Bag	Plug	25	500	EO
31403	Molded Gra.	Notch Bag	Plug	25	500	EO

## Conical-bottom centrifuge tubes, Polypropylene, 50ml

These conical-bottom tubes are made of ultra-clear polypropylene

Cap Material: HDPE

Leak-proof

Black printed graduations with large marking strip for labeling

Graduation Range:	5–47.5ml
Graduation Interval:	2.5ml
Autoclavable:	at 121 °C
Freezable:	–45 °C
Maximum RCF:	9,500xg
Dimensions tube:	29D x 115L mm
Performance:	Dnase/Rnase-free Non-pyrogenic <0.25 EU/ml FDA Registered



Cat. No.	Packaging Option	Cap Option	Inner Pack Q'ty	Case Qty	Sterility
32101	Heat Sealed Bag	Flat	25	500	EO
32102	Heat Sealed Bag/Foam Rack	Flat	25	500	EO
32103	Heat Sealed Bag/Paper Rack	Flat	25	500	EO
32111	Notch Bag	Flat	25	500	EO
32112	Notch Bag/Foam Rack	Flat	25	500	EO
32113	Notch Bag/Paper Rack	Flat	25	500	EO
32201	Heat Sealed Bag	Plug	25	500	EO
32202	Heat Sealed Bag/Foam Rack	Plug	25	500	EO
32203	Heat Sealed Bag/Paper Rack	Plug	25	500	EO
32211	Notch Bag	Plug	25	500	EO
32212	Notch Bag/Foam Rack	Plug	25	500	EO
32213	Notch Bag/Paper Rack	Plug	25	500	EO



# Centrifuge

## Free-Standing Specimen Tubes, Polypropylene, 30ml



These free-standing (Skirted) bottom tubes are made of ultra-clear polypropylene  
 Cap Material: HDPE  
 Plug cap only. Spoon is available  
 Using for Urine Stabilization System  
 Internal molded graduation

Graduation Range:	5-30ml
Graduation Interval:	0.5ml
Autoclavable:	at 121 °C
Freezable:	-45 °C
Maximum RCF:	7,000xg
Dimensions tube:	30D x 80 L mm
Performance:	Dnase/Rnase-free Non-pyrogenic<0.25 EU/ml FDA Registered

Cat. No.	Cap Option	Packaging Option	Inner Pack Q'ty	Case Qty	Sterility
33100	With Spoon	Heat Sealed Bag	25	500	EO
33101	Without Spoon	Heat Sealed Bag	25	500	EO

## Conical-Bottom Centrifuge Tubes, Polypropylene, 15ml



These conical-bottom tubes are made of ultra-clear polypropylene  
 Cap Material: HDPE  
 Leak-proof  
 Black printed graduations with large white marking strip for labeling

Bottom Graduation Range:	0.1-1 ml
Bottom Graduation Interval:	0.1 ml
Tube Graduation Range:	1.5-14.5ml
Tube Graduation Interval:	0.5ml
Autoclavable:	at 121 °C
Freezable:	-45 °C
Maximum RCF:	10,000xg
Dimensions tube:	17 D x 118 L mm
Performance:	Dnase/Rnase-free Non-pyrogenic<0.25 EU/ml FDA Registered

Cat. No.	Packaging Option	Cap Option	Inner Pack Q'ty	Case Qty	Sterility
34111	Heat Sealed Bag	Flat	50	500	EO
34112	Heat Sealed Bag/Foam Rack	Flat	50	500	EO
34113	Heat Sealed Bag/Paper Rack	Flat	50	500	EO
34114	Notch Bag	Flat	50	500	EO
34115	Notch Bag/Foam Rack	Flat	50	500	EO
34116	Notch Bag/Paper Rack	Flat	50	500	EO
34121	Heat Sealed Bag	Plug	50	500	EO
34122	Heat Sealed Bag/Foam Rack	Plug	50	500	EO
34123	Heat Sealed Bag/Paper Rack	Plug	50	500	EO
34124	Notch Bag	Plug	50	500	EO
34125	Notch Bag/Foam Rack	Plug	50	500	EO
34126	Notch Bag/Paper Rack	Plug	50	500	EO



## Centrifuge Tubes

### Conical-Bottom Centrifuge Tubes, Polyethylene Terephthalate(PET),15 ml

These conical-bottom tubes are made of medical grade Polyethylene Terephthalate

Cap Material: HDPE

Leak-proof

Black printed graduations with large white marking strip for labeling

#### Advantages:

PET tubes are a fair clear offer excellent optical clarity PET tubes are scratch resistant offer excellent uniform PET tubes offer good electric insulate

PET tubes good at resist

fatigue

PET tubes good at size

stability

PET tubes good at resist organic solvent



Bottom Graduation Range:	0.1–1 ml
Bottom Graduation Interval:	0.1ml
Tube Graduation Range:	1.5–14.5ml
Tube Graduation Interval:	0.5ml
Autoclavable:	at 190 °C
Freezable:	-45 °C
Maximum RCF:	11,500xg
Dimensions tube:	17 D x 118 L mm
Performance:	Dnase/Rnase-free Non-pyrogenic<0.25 EU/ml FDA Registered

Cat. No.	Packaging Option	Cap Option	Inner Pack Q'ty	Case Qty	Sterility
34311	Heat Sealed Bag	Flat	50	500	EO
34312	Heat Sealed Bag/Foam Rack	Flat	50	500	EO
34313	Heat Sealed Bag/Paper Rack	Flat	50	500	EO
34314	Notch Bag	Flat	50	500	EO
34315	Notch Bag/Foam Rack	Flat	50	500	EO
34316	Notch Bag/Paper Rack	Flat	50	500	EO
34321	Heat Sealed Bag	Plug	50	500	EO
34322	Heat Sealed Bag/Foam Rack	Plug	50	500	EO
34323	Heat Sealed Bag/Paper Rack	Plug	50	500	EO
34324	Notch Bag	Plug	50	500	EO
34325	Notch Bag/Foam Rack	Plug	50	500	EO
34326	Notch Bag/Paper Rack	Plug	50	500	EO



## Conical-Bottom Centrifuge Tubes, Polystyrene, 15ml

These conical-bottom tubes are made of transparent polystyrene

Cap Material: HDPE

Leak-proof

Black printed graduations with large white marking strip for labeling

Bottom Graduation Range:	0.1–1 ml
Bottom Graduation Interval:	0.1 ml
Tube Graduation Range:	1.5–14.5 ml
Tube Graduation Interval:	0.5 ml
Autoclavable:	at 80 °C
Freezable:	–45 °C
Maximum RCF:	8,500xg
Dimensions tube:	17 D x 118 L mm
Performance:	Dnase/Rnase-free Non-pyrogenic < 0.25 EU/ml FDA Registered





Cat. No.	Packaging Option	Cap Option	Inner Pack Q'ty	Case Qty	Sterility
34211	Heat Sealed Bag	Flat	50	500	EO
34212	Heat Sealed Bag/Foam Rack	Flat	50	500	EO
34213	Heat Sealed Bag/Paper Rack	Flat	50	500	EO
34214	Notch Bag	Flat	50	500	EO
34215	Notch Bag/Foam Rack	Flat	50	500	EO
34216	Notch Bag/Paper Rack	Flat	50	500	EO
34221	Heat Sealed Bag	Plug	50	500	EO
34222	Heat Sealed Bag/Foam Rack	Plug	50	500	EO
34223	Heat Sealed Bag/Paper Rack	Plug	50	500	EO
34224	Notch Bag	Plug	50	500	EO
34225	Notch Bag/Foam Rack	Plug	50	500	EO
34226	Notch Bag/Paper Rack	Plug	50	500	EO

## Conical-Bottom Centrifuge Tubes, Polypropylene, 15ml, Amber



Significantly reducing light penetration through the tubes  
Ideal for storage of light sensitive materials or for applications involving light sensitive reactions

These conical-bottom tubes are made of ultra-clear polypropylene

Cap Material: HDPE

Leak-proof

White printed graduations with large white marking strip for labeling

Tube Graduation Range:	1.5–14.5ml
Tube Graduation Interval:	0.5ml
Autoclavable:	at 121 °C
Freezable:	-45 °C
Maximum RCF:	10,000xg
Dimensions tube:	17 D x 118 L mm
Performance:	Dnase/Rnase-free
	Non-pyrogenic < 0.25 EU/ml
	FDA Registered

Cat. No.	Packaging Option	Cap Option	Inner Pack Q'ty	Case Qty	Sterility
34411	Heat Sealed Bag	Flat	50	500	EO
34412	Heat Sealed Bag/Foam Rack	Flat	50	500	EO
34413	Heat Sealed Bag/Paper Rack	Flat	50	500	EO
34414	Notch Bag	Flat	50	500	EO
34415	Notch Bag/Foam Rack	Flat	50	500	EO
34416	Notch Bag/Paper Rack	Flat	50	500	EO
34421	Heat Sealed Bag	Plug	50	500	EO
34422	Heat Sealed Bag/Foam Rack	Plug	50	500	EO
34423	Heat Sealed Bag/Paper Rack	Plug	50	500	EO
34424	Notch Bag	Plug	50	500	EO
34425	Notch Bag/Foam Rack	Plug	50	500	EO
34426	Notch Bag/Paper Rack	Plug	50	500	EO





# Micro Tubes

## Microtubes with Snap Cap

- Manufactured from tough virgin-polypropylene
- Comfort tab for easy opening and closing
- Frosted writing area for labeling
- Autoclavable



Cat. No.	Type	Packaging Option	Inner Pack	Case Qty	Sterility
35100N	0.5ml Non-graduation Microtube, Snap Cap, Natural	Zip Lock Bag	1000	10000	NON-
35200N	1.5ml Graduated Microtube, Snap Cap, Natural	Zip Lock Bag	500	10000	NON-
35300N	2.0ml Graduated Microtube, Snap Cap, Natural	Zip Lock Bag	500	5000	NON-

## Microtubes, Safe-lock Cap



- Manufactured from tough virgin-polypropylene
- Unique Safe-lock cap ensures excellent safety when handling
- Comfort tab for easy opening and closing
- Frosted writing area for labeling
- Autoclavable

Cat. No.	Type	Packaging Option	Inner Pack	Case Qty	Sterility
36100N	0.5ml Graduated Microtube, Flat Safe-lock Cap, Natural	Zip Lock Bag	1000	10000	NON-
36210	1.5ml Graduated Microtube, Capless, Natural	Zip Lock Bag	500	10000	NON-
36200N	1.5ml Graduated Microtube, Flat Safe-lock Cap, Natural	Zip Lock Bag	500	10000	NON-
36220N	1.5ml Graduated Microtube, Colour Coded Cap, Cap insert Natural	Zip Lock Bag	500	10000	NON-
36300N	2.0ml Graduated Microtube, Colour Coded Cap, Cap insert Natural	Zip Lock Bag	500	5000	NON-

\* Cap inserts Six colours upon request



## Single PCR Tubes

- Manufactured from tough virgin-polypropylene
- Designed for an optimal fit in all commonly used thermal cyclers
- Ultra thin wall allows precise thermal transfer
- Comfort tab for easy opening and closing
- Autoclavable







## Micro Tubes

Cat. No.	Type	Packaging Option	Inner Pack	Case Qty	Sterility
37110N	0.2ml PCR tube, Flat Cap, Natural	Zip Lock Bag	1000	30000	NON-
37120N	0.2ml PCR tube, Dome Cap, Natural	Zip Lock Bag	1000	30000	NON-
37130N	0.5ml PCR tube, Flat Cap, Natural	Zip Lock Bag	1000	30000	NON-

\* Tubes and Caps Six colors upon request

Yellow  Orange  Red  Violet  Blue  Green 

### 8-Snap Strip PCR Tubes, 0.2ml, Flat Cap and Dome Cap



Manufactured from tough virgin-polypropylene

Ultra thin wall design for efficient heat transfer

High light transmittance

Strips are connected together in groups of eight for easy loading into 8 x 12 format thermal cyclers

Cat. No.	Type	Packaging Option	Inner Pack	Case Qty	Sterility
37210	8-Snap Strip PCR Tube, Flat Cap, Natural	Zip Lock Bag	125 strips	1250	NON-
37220	8-Snap Strip PCR Tube, Dome Cap, Natural	Zip Lock Bag	125 strips	1250	NON-
37200	8-Snap Strip PCR Tube, Tube Only	Zip Lock Bag	125 strips	1250	NON-
37211	Flat Cap for 8-Snap Strip PCR Tube, Cap Only	Zip Lock Bag	125 strips	1250	NON-
37221	Dome Cap for 8-Snap Strip PCR Tubes, Cap	Zip Lock Bag	125 strips	1250	NON-

### Microtubes, Screw Cap



Manufactured from ultra clear polypropylene offers excellent view of tube contents

The tubes are ideal for any sample processing or storage application

Caps including TPE O-ring create excellent seal for security storage

Molded external graduation offers accuracy visible and polished area for writing or labeling

Autoclavable

Cat. No.	Type	Packaging Option	Inner Pack	Case Qty	Sterility
38110N	1.5ml Non-Graduation Microtube,Conical,O Ring Screw	Zip	Lock	500	5000 NON-
38120N	Cap,Natural	Bag	Zip	500	5000 NON-
38130	1.5ml Non-Graduation Microtube,Conical,O Ring Loop	Lock	Bag	500	10000 NON-
38230N	Cap,Natural	Zip	Lock	500	10000 NON-
38231	1.5ml Non-Graduation Microtube,Conical,Capless, Tube Only	Bag	Zip	500	5000 NON-
38100N	2.0ml Graduated Microtube,free-standing,O Ring Screw	Lock	Bag	500	10000 NON-
38101N	Cap,Natural	Zip	Lock	500	10000 NON-
38200N	2.0ml Graduated Microtube,free-standing,Capless,Tube Only	Bag	Zip	500	10000 NON-
	O Ring Screw Cap for 1.5ml Microtube,Cap Only	Lock	Bag	500	10000
	O Ring Loop Cap for 1.5ml Microtue,Cap Only	Zip	Lock		
	O Ring Screw Cap for 2.0ml Free-standing Microtube,Cap Only	Bag	Zip		
		Lock	Bag		

\*Cap Nine colors upon request

White  Yellow  Orange  Red  Violet  Blue  Green  Gray  Gold 







# Cryogenic

## Cap Top Insert for Cryo Vials



Color coded top inserts fit precisely into the cap of the Cryo Vials for color coding. Available in many colors, could be supplied exclusive, or separately packaged with vials or assembled with vials upon demanded

Cat. No.	Color	Inner Pack	Case Qty
39500W	White	500	2000
39500R	Red	500	2000
39500B	Blue	500	2000
39500Y	Yellow	500	2000
39500G	Green	500	2000
39500P	Pink	500	2000
39500L	Lilac	500	2000
39500O	Orange	500	2000
39500	Assortment of colors	8bags of 250	2000





# Cryogenic

## Cryo Vials



- Manufactured from specially formulated polypropylene and designed for storage at temperatures as low as -190°C
- A silicone washer inside the cap forms a tight, leakproof seal
- Cryogenic Vials are clear in colour with colour coded cap
- Cap inserts fit precisely into colour coded cap to enable colour coding of samples for easier identification
- A large white marking area and printed graduations in 0.1 ml increments

### Cryovial, Internal Thread, Colour Coded Cap

Cat. No.	Type	Packaging Option	Inner Pack	Case Qty	Sterility
			500	5000	
			500	5000	
			500	5000	

\*Cap Six colors upon request



### Cryovial, External Thread, Colour Coded Cap

Cat. No.	Type	Packaging Option	Inner Pack	Case Qty	Sterility
39210N	2.0ml Cryovial, Free-standing bottom, Cap Insert Natural	Zip Lock Bag	500	5000	NON-
39220N	5.0ml Cryovial, Free-standing bottom, Cap Insert Natural	Zip Lock Bag	250	2500	NON-
39200N	Colour Coded Cap, Cap insert Natural, Cap Only	Zip Lock Bag	500	5000	NON-

\*Cap Six colors upon request



## Cryo Vial Workstation Rack

Made of polypropylene.

This handy autoclavable rack can hold up to 5 x 10 cryo vials. The vials with universal bottom locking design can lock in each well and not turn.

Each position is identified with an alphanumeric index.

Strong handles make it easy and safe to carry

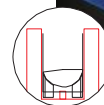
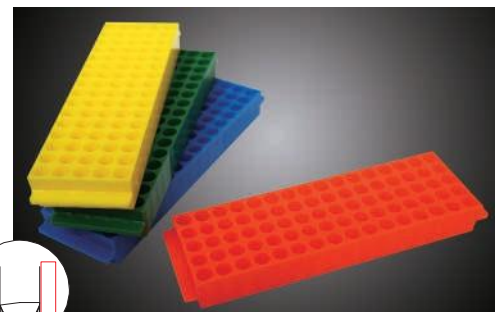
It is supported by four anti-skid rubber feet.

The rack is compact and stackable

Available in 5 colors.

Size: 10cm x 20cm x 25cm H (4 x 8 x 1 in. H)

LOCKED IN POSITION



Cat. No.	Color	Case Qty
39600R	Red	50
39600B	Blue	50
39600Y	Yellow	50
39600G	Green	50
39600P	Pink	50
39600	Assortment of colors	10bags of 5

*NEW*







## Cryogenic

## Cryogenic

### Cryovial Storage Boxes for 1 ml and 2ml Tubes, Polycarbonate



Manufactured in Polycarbonate provide ultra low temperature storage from  $-196^{\circ}\text{C}$  to  $121^{\circ}\text{C}$

Fitting for storage of Cryovials from 1.0ml to 2.0ml in Liquid Nitrogen or Freezer

Alphanumeric grid on lid for easy identification of samples

With Air vents for storage of freezing

Covers are keyed to the base to prevent misalignment

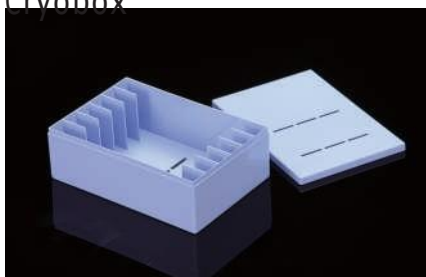
9x9 Array box, with transparent cover and moveable grid.

Measurement: 130 x 130 x 53mm(LxWxH,mm)

10x10 Array box, measurement: 130 x 130 x 53mm(LxWxH,mm)

Cat. No.	Description	Packaging Option	Inner Pack	Case Qty	Sterility
91381	81-well (9x9),White	Individual Shrink Pack	1	50	NON-
91300	100-well (10x10),White	Individual Shrink Pack	1	50	NON-

### Cryobox



Manufactured in Polycarbonate provide ultra low temperature storage from  $-196^{\circ}\text{C}$  to  $121^{\circ}\text{C}$

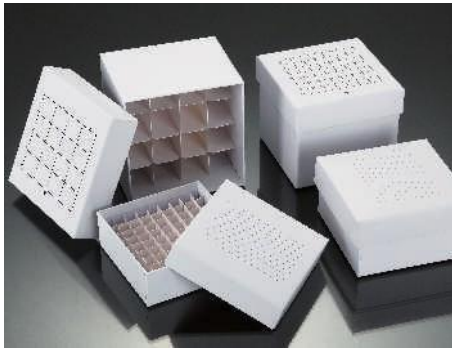
Fitting for storage of Cryowares in Liquid Nitrogen or Freezer

This box designed with 6 divisions with average distance, 3 drainages cuts on the cover and bottom

Measurement: 163\*112\*60,mm (LxWxH)

Cat. No.	Packaging Option	Case Qty	Sterility
91900	Bulk Loose in Bag	50	NON-

## Freezing Cardboard Storage Box, Pre-assembled Compartments



Designed for storage and preservation of frozen samples  
 Made of white treated cardboard and covered by special white paper  
 hand-stuck and hand-assembled for a better quality  
 Pre-assembled compartments  
 Resist temperatures up to -100°C  
 Alphanumeric identifications printed on each box

Cat. No.	Wells	Tube Dia.mm	Measurement	Packaging Option	Case Qty	Sterility
91816	16 Well (4x4)	Up to dia.30(50ml)	13.4 x 13.4 x 12.2cm	Bulk Loose in Case	48	NON-
91849	49 Well (7x7)	Up to dia.17(15ml)	13.4 x 13.4 x 11.5cm	Bulk Loose in Case	36	NON-
91864B	64 Well (8x8)	Up to dia.(2" Tube)	13.4 x 13.4 x 4.7cm	Bulk Loose in Case	96	NON-
91881B	81 Well (9x9)	Up to dia.(2" Tube)	13.4 x 13.4 x 4.7cm	Bulk Loose in Case	96	NON-
918100B	100 Well (10x10)	Up to dia. (2"ml Tube)	13.4 x 13.4 x 4.7cm	Bulk Loose in Case	96	NON-
91864C	64 Well (8x8)	Up to dia.(3" Tube)	13.4 x 13.4 x 7.6cm	Bulk Loose in Case	48	NON-
91881C	81 Well (9x9)	Up to dia.(3" Tube)	13.4 x 13.4 x 7.6cm	Bulk Loose in Case	48	NON-
918100C	100 Well (10x10)	Up to dia.(3" Tube)	13.4 x 13.4 x 7.6cm	Bulk Loose in Case	48	NON-



## Specimen Containers



### Specimen Containers,7ml Bijou,Screw Cap

Manufactured from virgin polystyrene and polypropylene.All materials are non-cytotoxic

Ideal for small volume samples

CE Marked in accordance with the European Directive 98/79/EC

For In Vitro Use only

Leakproof-tested in accordance with BS5213:1975(1989) Appendix A  
 Available pre-filled with boric acid (0.09g) for the preservation of urine samples

Containers are available in a full range of label options, no label, plain label and printed label (for the clinical market)

Available pre-cover slips ideal for work on the culture of intracellular organisms



Cat. No.	Description	Material/Cap	Packaging Option	Inner Pack	Case Qty	Sterility
22500	No label	PS/PE	Bulk Loose in Bag	700	700	NON-
22501	Plain label	PS/PE	Bulk Loose in Bag	700	700	NON-
22502	With Boric Acid,printed label	PS/PE	Bulk Loose in Bag	700	700	NON-
22504	With Coverslip,printed label	PS/PE	Bulk Loose in Bag	700	700	NON-
22510	No label	PP/PE	Bulk Loose in Bag	700	700	NON-
22511	Plain label	PP/PE	Bulk Loose in Bag	700	700	NON-
22512	With Boric Acid,printed label	PP/PE	Bulk Loose in Bag	700	700	NON-
22514	With Coverslip,printed label	PP/PE	Bulk Loose in Bag	700	700	NON-

## Specimen Containers, 30ml Universal, Screw Cap

Manufactured from virgin polystyrene and polypropylene. All materials are non-cytotoxic  
 CE Marked in accordance with the European Directive 98/79/EC  
 For In Vitro Use only  
 Leakproof-tested in accordance with BS5213:1975(1989) Appendix A  
 Unique leak tight cap ensures exceptional leak proof seal  
 Available pre-filled with boric acid (0.4g) for the preservation of urine samples  
 Containers are available in a full range of label options, no label, plain label and printed label (for the clinical market)



Cat. No.	Description	Material/Cap	Packaging Option	Inner Pack	Case Qty	Sterility
22100	No label	PS/PP	Zip Lock Bag	50	400	EO
22101	Printed label	PS/PP	Zip Lock Bag	50	400	EO
22102	Plain label	PS/PP	Zip Lock Bag	50	400	EO
22103	With Boric Acid, printed label	PS/PP	Zip Lock Bag	50	400	EO
22110	No label	PP/PP	Zip Lock Bag	50	400	EO
22111	Printed label	PP/PP	Zip Lock Bag	50	400	EO
22112	Plain label	PP/PP	Zip Lock Bag	50	400	EO
22113	With Boric Acid, printed label	PP/PP	Zip Lock Bag	50	400	EO



# Specimen Containers

## Specimen Containers

### Specimen Containers, With Spoon, 30ml Universal, Screw Cap



Ideal for faecal Sampling  
For In Vitro Use only  
Available in individual Flow Pack upon Requirement

Cat. No.	Description	Material/Cap	Packaging Option	Inner Pack	Case Qty	Sterility
22104	With attached Spoon, printed label	PS/PP	Zip Lock Bag	50	400	EO
22105	With attached Spoon, no label	PS/PP	Zip Lock Bag	50	400	EO
22106	With attached Spoon, plain label	PS/PP	Zip Lock Bag	50	400	EO
22107	With separate spoon loose, printed label	PS/PP	Zip Lock Bag	50	400	EO
22114	With attached Spoon, printed label	PP/PP	Zip Lock Bag	50	400	EO
22115	With attached Spoon, no label	PP/PP	Zip Lock Bag	50	400	EO
22116	With attached Spoon, plain label	PP/PP	Zip Lock Bag	50	400	EO
22117	With separate spoon loose, printed label	PP/PP	Zip Lock Bag	50	400	EO

### Specimen Containers, 60ml Universal, Screw Cap



Tray Pack

Manufactured from virgin polystyrene and polypropylene. All materials are non-cytotoxic

CE Marked in accordance with the European Directive 98/79/EC

For In Vitro Use only

Leakproof-tested in accordance with BS5213:1975(1989) Appendix A

Unique leak tight cap ensures exceptional leak proof seal

Containers are available in a full range of label options, no label, plain label and printed

label (for the clinical market)

Cat. No.	Description	Material/Cap	Packaging Option	Inner Pack	Case Qty	Sterility
22203	No label	PS/PE	Tray packed	60	300	EO
22204	Printed label	PS/PE	Tray packed	60	300	EO
22205	Plain label	PS/PE	Tray packed	60	300	EO
22203/DW	Printed label, Individually wrapped	PS/PE	Individual Flow Pack	1	100	EO
22211	No label	PP/PE	Tray packed	60	300	EO

22212	Printed label	PP/PE	Tray packed	60	300	EO
22213	Plain label	PP/PE	Tray packed	60	300	EO
22211/DW	Printed label, Individually wrapped	PP/PE	Individual Flow Pack	1	100	EO



## Containers with METAL Flowed Seal Inert Liner Cap

### Specimen Containers with METAL Flowed Seal Inert Liner Cap

- Ideal for sample collection and storage where a more robust
- Manufactured from virgin polystyrene. All materials are non-cytotoxic
- CE Marked in accordance with the European Directive 98/79/EC
- For In Vitro Use only
- Leakproof-tested in accordance with BS5213:1975(1989) Appendix A
- Containers are available in a full range of label options, no label, plain label and printed label (for the clinical market)
- All metal caps with flowed seal inert liner ensures exceptional leak proof seal

### 60ml Containers, METAL Flowed Seal Inert Liner Cap

**Overall Height(mm): 60**

**Outer Diameter(mm): 43**

Cat. No.	Description	Material/Cap	Packaging Option	Inner Pack	Case Qty	Sterility
22200	No label	PS/ME	Tray packed	60	300	EO
22201	Printed label	PS/ME	Tray packed	60	300	EO
22202	Plain label	PS/ME	Tray packed	60	300	EO



### 100ml Containers, METAL Flowed Seal Inert Liner Cap

**Overall Height(mm): 75**

**Outer Diameter(mm): 49**

Cat. No.	Description	Material/Cap	Packaging Option	Inner Pack	Case Qty	Sterility
22600	No label	PS/ME	Tray packed	40	200	EO
22601	Printed label	PS/ME	Tray packed	40	200	EO
22602	Plain label	PS/ME	Tray packed	40	200	EO



### 150ml Containers, METAL Flowed Seal Inert Liner Cap

**Overall Height(mm): 109**

**Outer Diameter(mm): 54**

Cat. No.	Description	Material/Cap	Packaging Option	Inner Pack	Case Qty	Sterility
22300	No label	PS/ME	Tray packed	30	120	EO
22301	Printed label	PS/ME	Tray packed	30	120	EO
22302	Plain label	PS/ME	Tray packed	30	120	EO



### 250ml Containers, METAL Flowed Seal Inert Liner Cap

**Overall Height(mm): 121**

**Outer Diameter(mm): 63**

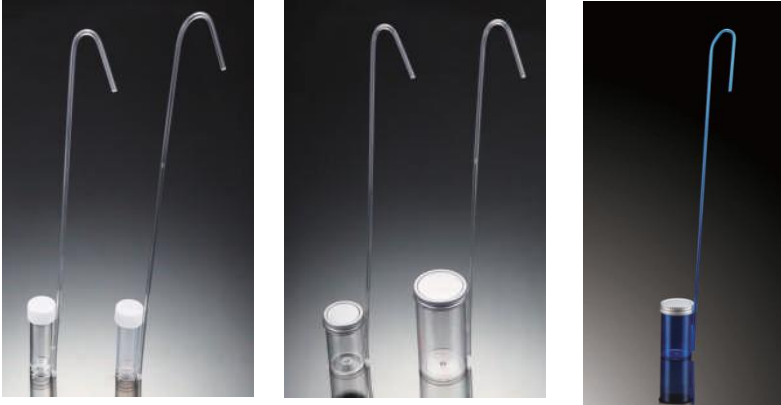
Cat. No.	Description	Material/Cap	Packaging Option	Inner Pack	Case Qty	Sterility
22400	No label	PS/ME	Tray packed	25	50	EO
22401	Printed label	PS/ME	Tray packed	25	50	EO
22402	Plain label	PS/ME	Tray packed	25	50	EO





# Sampling Dipper with integral

## Sampling Dipper with integral handle



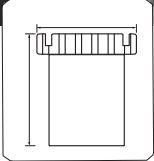
Designed for sterile sample collection and dispatch to avoid the risk of cross contamination  
 Individually wrapped and EO sterility  
 Blue containers are highly visible if accidentally dropped into a liquid sample  
 "Flow seal" screw cap, leakproof-tested in accordance with EN14245 Annex D and BS5213

Cat. No.	Capacity	Color	Handle Length (mm)	Materials Base/Cap	Packaging Option	Case Qty	Sterility
22710	30ml	Clear	200	PS/PP	Individual Flow Pack	50	EO
22711	30ml	Blue	200	PS/PP	Individual Flow Pack	50	EO
22710PP	30ml	Clear	200	PP/PP	Individual Flow Pack	50	EO
22711PP	30ml	Blue	200	PP/PP	Individual Flow Pack	50	EO
22720	100ml	Clear	385	PS/ME	Individual Flow Pack	50	EO
22721	100ml	Blue	385	PS/ME	Individual Flow Pack	50	EO
22730	250ml	Clear	330	PS/ME	Individual Flow Pack	50	EO
22731	250ml	Blue	330	PS/ME	Individual Flow Pack	50	EO

## Specimen container, 70ml, Security



Manufactured from virgin polystyrene and polypropylene. All materials are non-cytotoxic  
 Ideal for specimen collection and transportation in harsh conditions  
 Containers are crack-resistant from 90cm high from the land  
 Dual threaded caps for a leak resistant seal  
 Available in different cap colors for visibility or coding



50.0mm

Cat. No.	Capacity	Material	Label	Packaging Option	Case Qty	Sterility
231501	70ml	PP	NO	Bulk Loose in Bag	500	NON-
231502	70ml	PP	NO	Individual Flow	400	EO
231503	70ml	PP	NO	Pack	500	EO
231511	70ml	PP	YES	25Pcs /ZIP Bag Bulk	500	NON-
231512	70ml	PP	YES	Loose in Bag	400	EO
231513	70ml	PP	YES	Individual Flow	500	EO
231601	70ml	PS	NO	Pack	500	NON-
231602	70ml	PS	NO	25Pcs /ZIP Bag Bulk	400	EO
231603	70ml	PS	NO	Loose in Bag	500	EO
231611	70ml	PS	YES	Individual Flow	500	NON-
231612	70ml	PS	YES	Pack	400	EO
231613	70ml	PS	YES	25Pcs /ZIP Bag Bulk	500	EO
				Loose in Bag		
				Individual Flow		
				Pack		
				25Pcs /ZIP Bag		

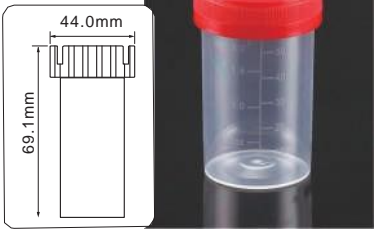




# Sampling Dipper with integral

## Specimen container, Security Seal

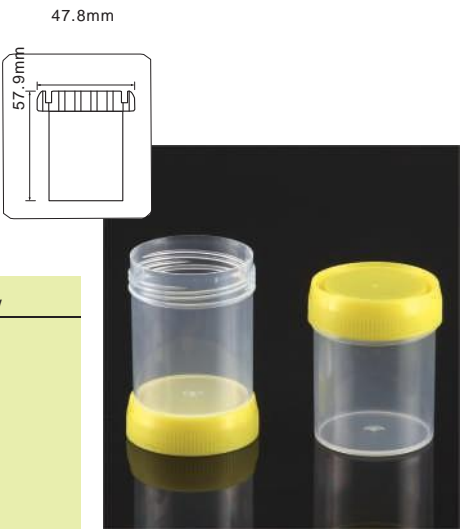
Cat. No.	Capacity	Material	Label	Packaging Option	Case Qty	Sterility
231401	60ml	PP	NO	Bulk Loose in Bag	500	NON-
231402	60ml	PP	NO	Individual Flow Pack	200	EO
231411	60ml	PP	YES	Bulk Loose in Bag	500	NON-
231412	60ml	PP	YES	Individual Flow Pack	200	EO



## Specimen container, Yellow screw cap assembled

Manufactured from virgin polypropylene. All materials are non-cytotoxic  
 Ideal for specimen collection and transportation in harsh conditions  
 Containers are crack-resistant from 90cm high from the land  
 Dual threaded caps for a leak resistant seal  
 Available in different cap colors for visibility or coding  
 Containers are easy stackable and compact for easy storage

Cat. No.	Capacity	Material	Label	Packaging Option	Case Qty	Sterility
231901	60ml	PP	NO	Bulk Loose in Bag	500	NON-
231902	60ml	PP	NO	Individual Flow Pack	200	EO
231903	60ml	PP	NO	25Pcs/ZIP Bag	500	EO
231911	60ml	PP	YES	Bulk Loose in Bag	500	NON-
231912	60ml	PP	YES	Individual Flow Pack	200	EO
231913	60ml	PP	YES	25Pcs/ZIP Bag	500	EO



## Microbiology/Urinalysis Specimen Containers, Screw Cap

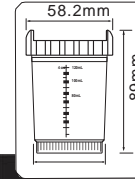
Manufactured from virgin polypropylene. All materials are non-cytotoxic  
 Ideal for microbiology/urinalysis/histology specimens collection and transportation in harsh conditions  
 A Dual-thread polyethylene cap provides a leak-resistant seal  
 Containers are crack-resistant from 90cm high from the land  
 Meets 95KPa transportation guidelines  
 Top and bottom gripping assures easy opening and closing when wearing gloves  
 Molded-in Graduation markings on three sides  
 Available in different cap colors for visibility or coding





## 3oz Specimen Containers

Cat. No.	Capacity	Cap Dia. (mm)	Label		Packaging Option	Case Qty	Sterility
23210	90ml / 3oz	53	Security	Tab	Bulk Loose in Bag	300	NON-
23211	90ml / 3oz	53	Label	Security	Individual Flow	100	EO
23212	90ml / 3oz	53	Tab	Label	Pack Bulk Loose in	300	NON-
23213	90ml / 3oz	53	Temperature		Bag Individual Flow	100	EO
			Strip		Pack		
			Temperature				
			Strip				
23214	90ml / 3oz	53	No Label		Bulk Loose in	300	NON-



## 4oz Specimen Containers

Cat. No.	Capacity	Cap Dia. (mm)	Label		Packaging Option	Case Qty	Sterility
23220	120ml / 4oz		Security	Tab	Bulk Loose in Bag	300	NON-
23221	53		Label	Security	Individual Flow	100	EO
23222	120ml / 4oz		Tab	Label	Pack Bulk Loose in	300	NON-
23223	53		Temperature		Bag Individual Flow	100	EO
23224	120ml / 4oz		Strip		Pack Bulk Loose in	300	NON-
	53		Temperature		Bag		
	120ml / 4oz		Strip	No Label			
	53						
	120ml / 4oz						
	53						

\* Many cap colors available upon request

White  Yellow  Red  Violet  Blue  Green

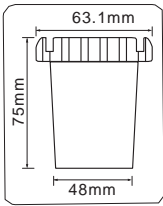


# Microbiology/Urinalysis Specimen

## Urine collection containers, 4OZ/120ML, Screw Cap



Manufactured from virgin ultra clear polypropylene ensures good samples visibility  
 Screw-cap provides a leak-resistant seal. Available in choice of with spoon or without spoon  
 Ideal for liquid and solid specimens  
 containers are crack-resistant for about 90cm height from the land  
 Top and bottom gripping assures easy opening and closing when wearing gloves  
 Meets 95KPa transportation guidelines  
 Molded in patient ID on the screw-on lid and container body for convenient marking  
 Sterile containers are labelled with patient identification for accuracy in handling  
 Available in different cap colors for visibility or coding



Cat. No.	Capacity	ID Label	Packaging Option	Case Qty	Sterility
23410	4oz / 120ml	NO	Bulk Loose in Bag	300	NON-
23412	4oz / 120ml	NO	Individual Flow Pack	100	EO
23420	4oz / 120ml	YES	Bulk Loose in Bag	300	NON-
23422	4oz / 120ml	YES	Individual Flow Pack	100	EO

\* Many cap colors available upon request

White  Yellow  Red  Violet  Blue  Green



## Beaker, 6.5oz / 180ml



Manufactured In choice of virgin polystyrene and polypropylene  
 This 6.5 oz beaker style collection cup comes with a pour spout and the wide-mouth design is ideal for fast and easy urine collection Process  
 Graduations in ml and fl. oz are moulded on the internal for easy reading  
 Great compact size for storage  
 Available in choice of with or without paper lid with patient ID

Cat. No.	Capacity	Material	ID Paper Lid	Packaging Option	Case Qty	Sterility
24100	6.5oz / 180ml	PS	NO	25 / Sleeve	500	NON-
24110	6.5oz / 180ml	PS	YES	25 / Sleeve	500	NON-
24200	6.5oz / 180ml	PP	NO	25 / Sleeve	500	NON-
24210	6.5oz / 180ml	PP	YES	25 / Sleeve	500	NON-

## Histology Specimen Container

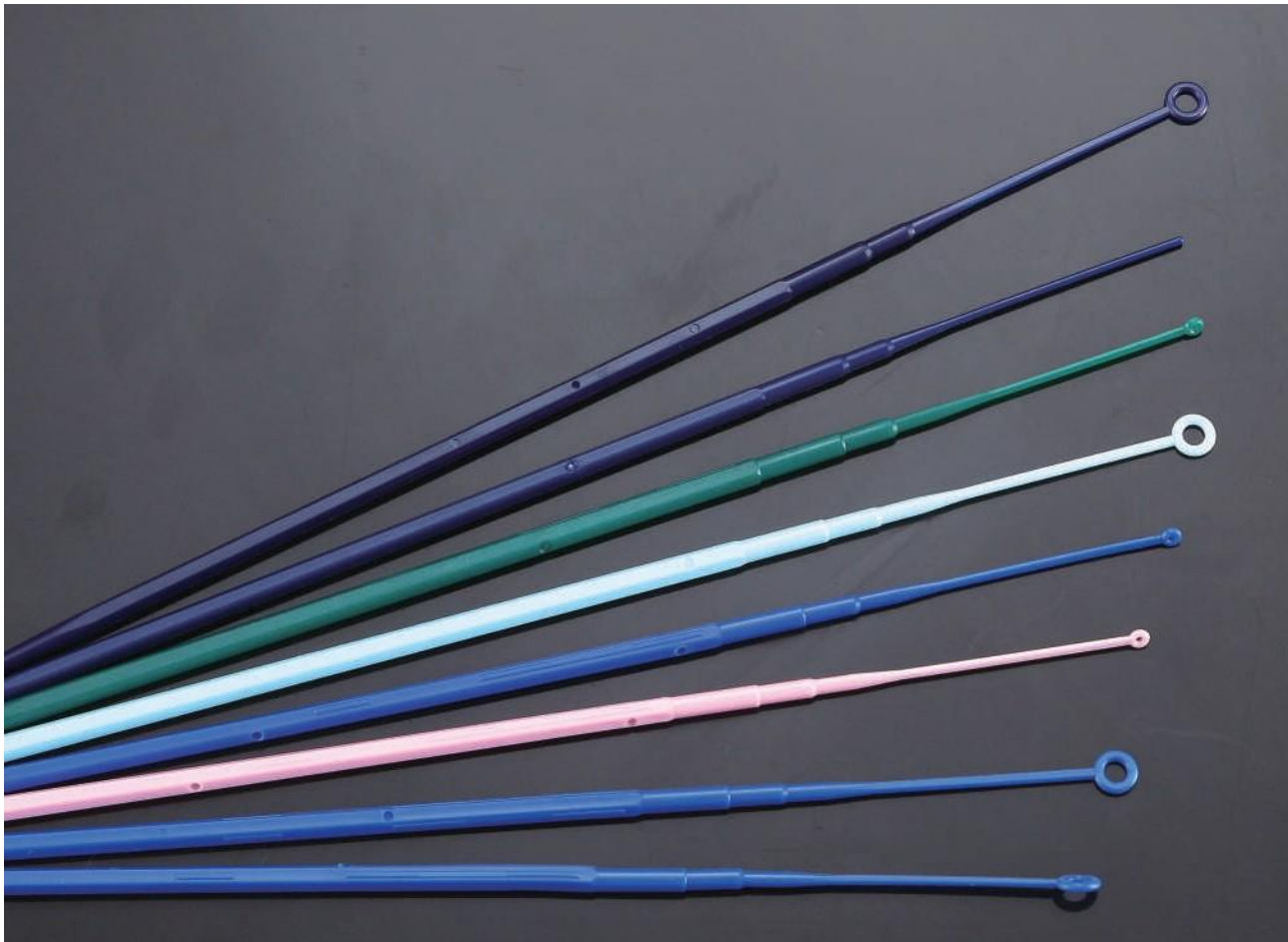
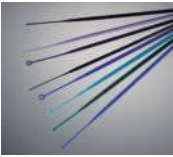


Made of Non-Cytotoxic Polypropylene.  
 Ideal for liquid specimen collection, transportation and storage in harsh conditions. To Eliminate formalin leakage and evaporation.  
 Top and bottom gripping assures easy opening and closing when wearing gloves.  
 Half-transparency containers with graduations have easy viewing.  
 Graduated on three sides.

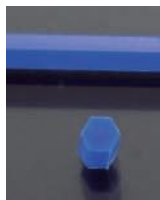
Cat. No.	Capacity	Label	Packaging Option	Case Qty	Sterility
28100	0.66oz / 20ml	NO	Bulk Loose in Bag	1000	NON-
28101	0.66oz / 20ml	YES	Bulk Loose in Bag	1000	NON-
28200	1.33oz / 40ml	NO	Bulk Loose in Bag	500	NON-
28201	1.33oz / 40ml	YES	Bulk Loose in Bag	500	NON-
28300	2oz / 60ml	NO	Bulk Loose in Bag	500	NON-
28301	2oz / 60ml	YES	Bulk Loose in Bag	500	NON-
28400	3oz / 90ml	NO	Bulk Loose in Bag	300	NON-
28401	3oz / 90ml	YES	Bulk Loose in Bag	300	NON-
28500	4oz / 120ml	NO	Bulk Loose in Bag	300	NON-
28501	4oz / 120ml	YES	Bulk Loose in Bag	300	NON-
28600	250ml	NO	Bulk Loose in Bag	154	NON-
28601	250ml	YES	Bulk Loose in Bag	154	NON-
28700	500ml	NO	Bulk Loose in Bag	132	NON-
28701	500ml	YES	Bulk Loose in Bag	132	NON-
28800	1000ml	NO	Bulk Loose in Bag	64	NON-
28801	1000ml	YES	Bulk Loose in Bag	64	NON-



# Inoculating Loops



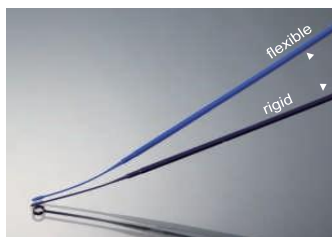
Ideal for streaking and obtaining inoculum without damaging of surface  
Being both sterile and disposable eliminates the risk of cross contamination  
All loops are free of any lubricants and do not contaminate any media  
Color coded for easy identification  
Certificate of calibration upon request



Hexagonal loop shaft improves grip, assists orientation and makes diluting and streaking easy.

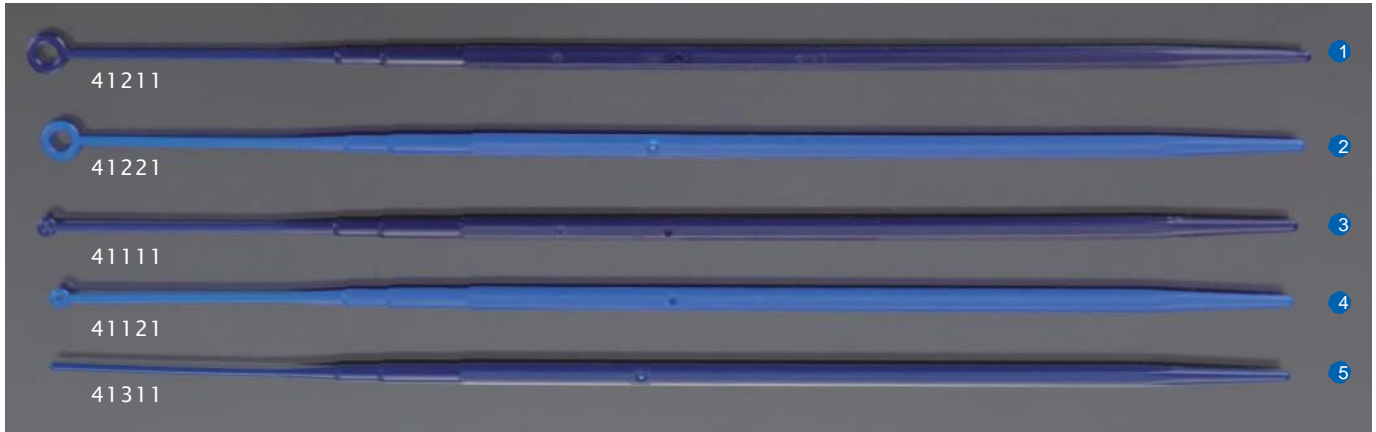


Smooth loop surfaces allows easy streaking. No rough plastic edges, flashing or burrs on the loop head. Loops do not cut or gouge the agar surface during streaking.



Choice of rigid or flexible loops  
Soft-flexible or rigid plastic to cater to different applications and preferences of microbiologists.

## Inoculating Loops and



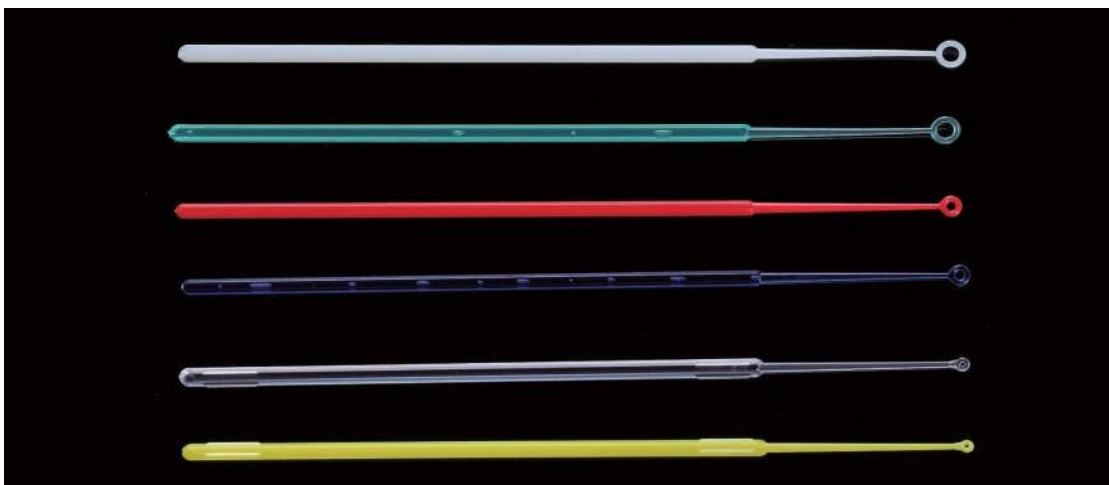
### Plastic Inoculating Loops

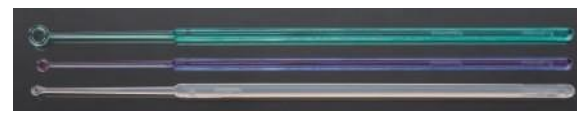
Cat. No.	Style	Over Length	Material	Packaging Option	Case Qty	Sterility
41111	Loop,1ul, Rigid,Dark Blue	200 mm	ABS	20/peel, 50 peels/box	6000	EO
41112	Loop,1ul, Rigid,Dark Blue	200 mm	ABS	20/zip bag, 50 bags/box	6000	EO
41211	Loop,10ul, Rigid,Dark Blue	200 mm	ABS	20/peel, 50 peels/box	6000	EO
41212	Loop,10ul, Rigid,Dark Blue	200 mm	ABS	20/zip bag, 50 bags/box	6000	EO
41121	Loop,1ul, Flexible,Blue	200 mm	PP	20/peel, 50 peels/box	6000	EO
41122	Loop,1ul, Flexible,Blue	200 mm	PP	20/zip bag, 50 bags/box	6000	EO
41221	Loop,10ul, Flexible,Blue	200 mm	PP	20/peel, 50 peels/box	6000	EO
41222	Loop,10ul, Flexible,Blue	200 mm	PP	20/zip bag, 50 bags/box	6000	EO

### Plastic Inoculating Needles

Cat. No.	Style	Over Length	Material	Packaging Option	Case Qty	Sterility
41311	Needle Rigid,Dark Blue	200 mm	ABS	20/peel, 50 peels/box	6000	EO
41312	Needle Rigid,Dark Blue	200 mm	ABS	20/zip bag, 50 bags/box	6000	EO
41321	Needle Flexible,Blue	200 mm	PP	20/peel, 50 peels/box	6000	EO
41322	Needle Flexible,Blue	200 mm	PP	20/zip bag, 50 bags/box	6000	EO

### Economic Inoculating Loops





Cat. No.	Style	Over Length	Material	Packaging Option	Case Qty	Sterility
41412	1 ul, Rigid, Clear	200 mm	PS	20/zip bag, 50 bags/box	6000	EO
41512	5ul, Rigid, Blue	200 mm	PS	20/zip bag, 50 bags/box	6000	EO
41612	10ul, Rigid, Green	200 mm	PS	20/zip bag, 50 bags/box	6000	EO
41422	1 ul, Soft, Yellow	200 mm	HIPS	20/zip bag, 50 bags/box	6000	EO
41522	5ul, Soft, Red	200 mm	HIPS	20/zip bag, 50 bags/box	6000	EO
41622	10ul, Soft, White	200 mm	HIPS	20/zip bag, 50 bags/box	6000	EO

## Quad Inoculating Loop and Needle



Used in microbiological applications for streaking and obtaining inoculum

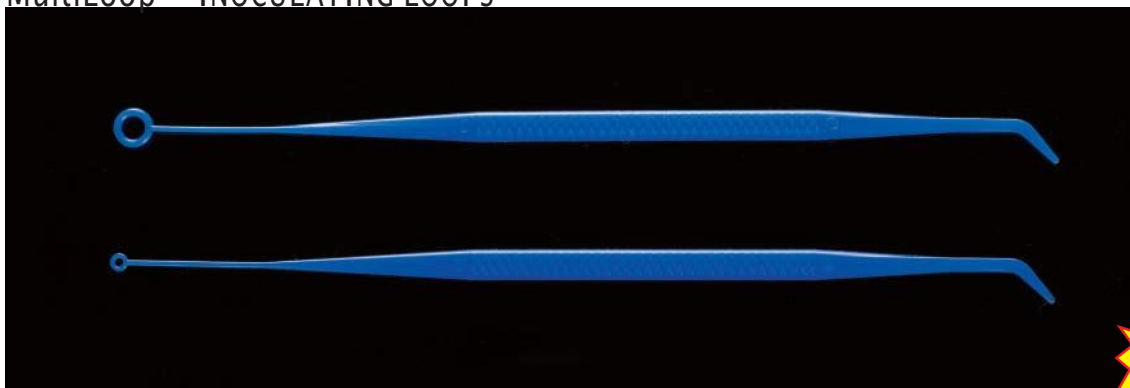
Inoculating loop part for fixing sample inoculum

Inoculating needle part for making stab into agar or tubes with solid culture media for picking off individual inoculum

Inoculating Quad part for streaking surfaces of inoculum by turning square handle

Cat. No.	Style	Over Length	Material	Packaging Option	Case Qty	Sterility
41711	Quad Loop, 1 ul, Blue	173 mm	ABS	20/peel, 50 peels/box	6000	EO
41712	Quad Loop, 1 ul, Blue	173 mm	ABS	20/zip bag, 50 bags/box	6000	EO
41721	Quad Loop, 10ul, Blue	173 mm	ABS	20/peel, 50 peels/box	6000	EO
41722	Quad Loop, 10ul, Blue	173 mm	ABS	20/zip bag, 50 bags/box	6000	EO
41731	Quad Needle, Orange	173 mm	ABS	20/peel, 50 peels/box	6000	EO
41732	Quad Needle, Orange	173 mm	ABS	20/zip bag, 50 bags/box	6000	EO

## MultiLoop™ INOCULATING LOOPS



“SCIENCE FROM A DIFFERENT ANGLE”

## Microbiology

MultiLoop™ was designed with the standard 1 µL and 10 µL loop.

Using the blunt end of the angle to remove single colonies from your inoculation media is easier.

The flat surface area of the angled end provides the perfect surface for spreading your specimen on any media.

The MultiLoop™'s angled end is an essential tool for collecting multiple colonies or specimen collections.

## Dentistry

The MultiLoop™ was designed to provide the same angle as a dental pick. This allows the MultiLoop™ to perform multiple tasks in the dental lab.

## Forensics

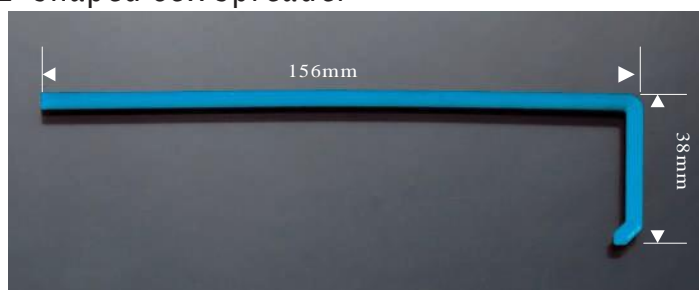
MultiLoop™ is provided as a sterile disposable tool that allows for confidence in collecting specimens, without compromising test results. They are small enough to put in your pocket, keep with you and use when similar tools are not available.

## Veterinary

MultiLoop™ can be used in the veterinary field in all the ways it can be used in the standard microbiology or dental field during specimen collection and transfer.

Cat. No.	Style	Over Length	Material	Packaging Option	Case Qty	Sterility
41811	Loop, 1ul, Rigid, Dark Blue	6inch	ABS	20/peel, 50 peels/box	6000	EO
41812	Loop, 1ul, Rigid, Dark Blue	6inch	ABS	20/zip bag, 50 bags/box	6000	EO
41911	Loop, 10ul, Rigid, Dark Blue	6inch	ABS	20/peel, 50 peels/box	6000	EO
41912	Loop, 10ul, Rigid, Dark Blue	6inch	ABS	20/zip bag, 50 bags/box	6000	EO
41821	Loop, 1ul, Flexible, Blue	6inch	PP	20/peel, 50 peels/box	6000	EO
41822	Loop, 1ul, Flexible, Blue	6inch	PP	20/zip bag, 50 bags/box	6000	EO
41921	Loop, 10ul, Flexible, Blue	6inch	PP	20/peel, 50 peels/box	6000	EO
41922	Loop, 10ul, Flexible, Blue	6inch	PP	20/zip bag, 50 bags/box	6000	EO

## L-shaped Cell Spreader



L-shaped cell spreaders are ideal for spreading bacterial cultures evenly. The L-shape allows application on the entire Petri dish or plate surface. Smooth spreading surface with slight upward return reduces the risk of damaging agar sample. Spreaders are manufactured of high impact ABS, eliminating the need for flaming or autoclaving. Autoclavable. Many colors available upon request.

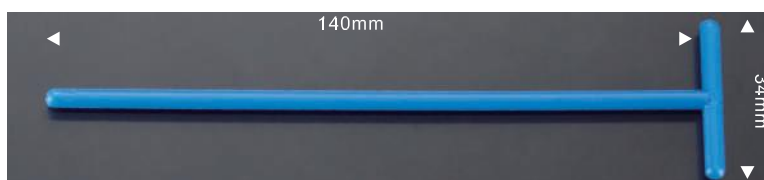
Cat. No.	Style	Material	Packaging Option	Case Qty	Sterility
42111	L-shaped spreader, Blue	ABS	Individual Peel Pack	500	EO
42112	L-shaped spreader, Blue	ABS	5/peel, 100 peels/box	3000	EO
42113	L-shaped spreader, Blue	ABS	10/peel, 50 peels/box	3000	EO
42114	L-shaped spreader, Blue	ABS	25/peel, 20 peels/box	3000	EO
42121	L-shaped spreader, Blue	ABS	Individual Flow Pack	500	EO
42122	L-shaped spreader, Blue	ABS	5/Zip bag, 100 bags/box	3000	EO
42123	L-shaped spreader, Blue	ABS	10/Zip bag, 50 bags/box	3000	EO
42124	L-shaped spreader, Blue	ABS	25/Zip bag, 20 bags/box	3000	EO





## Inoculating Loops and Needles

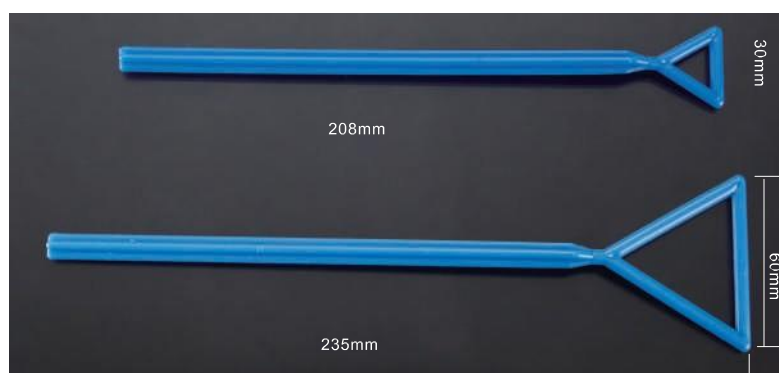
### T-shaped Cell Spreader



- Designed for spreading and dispersing liquids across the surface of agar culture plates
- Used for performing bacterial CFU plate counts on water, milk, urine and other liquid samples
- These T-Shaped Spreaders have all smooth rounded surfaces to prevent any cutting or gouging of agar during inoculation of culture plates
- The T-Shape design ensures even pressure is applied across the entire length of the T-bar in contact with the agar surface
- Autoclavable
- Many colors available upon request

43111	T-shaped spreader, Blue	ABS	Individual Peel Pack	500	EO
43112	T-shaped spreader, Blue	ABS	5/peel, 100 peels/box	3000	EO
43113	T-shaped spreader, Blue	ABS	10/peel, 50 peels/box	3000	EO
43114	T-shaped spreader, Blue	ABS	25/peel, 20 peels/box	3000	EO
43121	T-shaped spreader, Blue	ABS	Individual Flow Pack	500	EO
43122	T-shaped spreader, Blue	ABS	5/Zip bag, 100 bags/box	3000	EO
43123	T-shaped spreader, Blue	ABS	10/Zip bag, 50 bags/box	3000	EO
43124	T-shaped spreader, Blue	ABS	25/Zip bag, 20 bags/box	3000	EO

### Cell Spreaders, Triangle Shaped



- Designed for spreading and dispersing liquids across the surface of agar culture plates
- Used for performing bacterial CFU plate counts on water, milk, urine and other liquid samples
- These Triangle-shaped Spreaders have all smooth rounded surfaces to prevent any cutting or gouging of agar during inoculation of culture plates
- Cross-shaped loop shaft improves grip and assists orientation and makes diluting and streaking easy
- Autoclavable
- Many colors available upon request

Cat. No.	Style	Material	Packaging Option	Case Qty	Sterility
44113	Spreader, 208x30mm, Blue	PP	10/Heat Sealed Bag	500	EO
44123	Spreader, 235x60mm, Blue	PP	10/Heat Sealed Bag	500	EO