

NEST®

PRODUCT CATALOGUE

.....
Your Best Choice For Laboratory Consumables

2020



Company Profile

Your Best Choice For Laboratory Consumables

Founded in 2009, Wuxi NEST Biotechnology is a worldwide manufacturer of plastic laboratory goods. State-of-the-art machinery is used on a 100,000-class dust-free manufacturing site based in Wuxi, China, which has been certified with an ISO 9001 management system. Our manufacture procedures meet the ISO 11137 and ISO 13485 standards. NEST products are also registered with the CE and the FDA.

NEST has launched over 200 plastic consumable products for cell culture, molecular biology, immunoassays, liquid handling and storage. With strictly controlled ISO 8 grade clean rooms, exacting manufacturing standards and rigid QA procedures, the NEST brand enjoys an excellent reputation nationwide and abroad. NEST products have been exported to North America, Europe, Japan, Korea, India and other countries.

NEST boasts of a high power laminar flow clean room meeting the ISO 8 grade with a floor space of 2,000 square meters. These facilities are equipped with a central feeding system, high precision injection machinery from Japan, robot arms with automatic conveyers, hot runner molds, and vacuum plasma and corona treatment machines from Belgium, Germany and USA. Inner room moisture content and temperature are adjustable. In 2013, NEST installed a Rhodotron TT 200 from Belgium IBA, a world leader in the E-Beam sterilization industry. NEST completes a full process chain from the sourcing of the raw materials to the in-house sterilization of the final products ready for delivery to clients.

NEST is committed to innovation. We continue to research and develop new plastic consumables suitable for life sciences research so that we can provide more cost-effective solutions and cutting-edge laboratory consumables for our end-users.

NEST has continually positioned itself as a brand for high end laboratory consumables.



Company Profile



ISO 9001: 2015



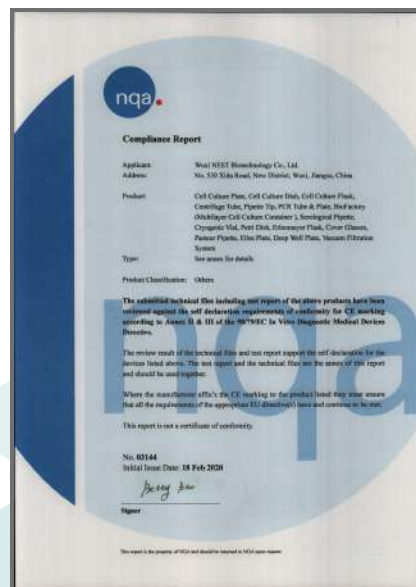
ISO 13485



ISO 11137



FDA



CE

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Cell Culture Inserts



Product Description:

Cell and tissue culture technologies have an increasing importance in the fields of basic and applied life science. New culture vessels and new surfaces for cell adsorption are continuously emerging, in order to simulate the internal environment as much as possible for culture of some special cell lines. Logically, using permeable supports with a microporous membrane becomes the basic method for culturing these cells. Permeable supports may effectively improve the culture of polar cells, since these supports allow cells to secrete on and absorb molecules from their basal and apical surfaces to metabolize in a more natural way, as well as to stimulate the in vivo environment to the maximum extent for culturing of some special cell lines.

Feature

- Innovative edge design for convenient sample loading
- A rich selection of matching plates: 6-well, 12-well, 24-well
- PC membrane: low absorption rate, reduce the loss of small-molecule proteins and other compounds
- PET membrane: excellent transparency, providing better optical clarity for easy observation of cell status
- Low protein binding to ensure accurate results
- Passed the USP VI toxicity test
- Compatible with most solvents used for fixing and staining

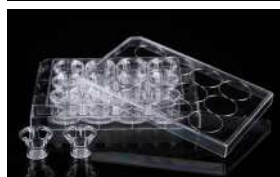
Application directions and types

Applications	Cells	Pore size of the membrane
ADME (transport and permeation of compounds through the enterocyte barrier)	Caco-2 MDCK	0.4 μm
Co-culture and cell differentiation Cell imaging	Primary cells, tumor stem cells	0.4 μm 1.0 μm
Cell migration and invasion (angiogenesis)	Endothelialocytes	3.0 μm
Cytochemotaxis (migration) or endothelial migration	Leukocytes	
Axonal hyperplasia	Neurons	
Tumor cell migration and invasion	Tumor-derived cells	8.0 μm
Hematotaxis or migration through endothelialocytes	Leukocytes	
Co-culture	Tumor stem cells	
Transport and secretion of macromolecules or viruses		1.0 μm 3.0 μm



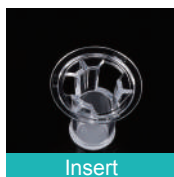
6 Well Cell Culture Inserts

Packing Specification: each cell culture plate include 6 inserts



12 Well Cell Culture Inserts

Packing Specification: each cell culture plate include 12 inserts



24 Well Cell Culture Inserts

Packing Specification: each cell culture plate include 12 inserts

Type	Well Volume (mL)	Insert Diameter (mm)	Insert Volume (mL)	Insert Membrane Growth Area (cm ²)
6 Well Cell Culture Inserts	2.6	24	1.5	4.67
12 Well Cell Culture Inserts	1.5	12	0.5	1.12
24 Well Cell Culture Inserts	0.6	6.5	0.1	0.33

Pore Size (µm)	Membrane Density (Well/cm ²)
0.4	1x10 ⁸
3.0	2x10 ⁶
5.0	4x10 ⁵
8.0	1x10 ⁵

PC Membrane, Tissue Culture Treated

Individually packaged in peelable tyvek film and blister

Cat.No.	Type	Pore Size (µm)	Plates/Case
723001	6 Well Cell Culture Inserts	3.0	10
724001	12 Well Cell Culture Inserts	3.0	10
725001	24 Well Cell Culture Inserts	3.0	10
723101	6 Well Cell Culture Inserts	0.4	10
724101	12 Well Cell Culture Inserts	0.4	10
725101	24 Well Cell Culture Inserts	0.4	10
724201	12 Well Cell Culture Inserts	5.0	10
725201	24 Well Cell Culture Inserts	5.0	10
723301	6 Well Cell Culture Inserts	8.0	10
724301	12 Well Cell Culture Inserts	8.0	10
725301	24 Well Cell Culture Inserts	8.0	10

PET Membrane, Tissue Culture Treated

Individually packaged in peelable tyvek film and blister

Cat.No.	Type	Pore Size (µm)	Plates/Case
723121	6 Well Cell Culture Inserts	0.4	10
724121	12 Well Cell Culture Inserts	0.4	10
725121	24 Well Cell Culture Inserts	0.4	10
723021	6 Well Cell Culture Inserts	3.0	10
724021	12 Well Cell Culture Inserts	3.0	10
725021	24 Well Cell Culture Inserts	3.0	10

PC Membrane, Non-treated

Individually packaged in peelable tyvek film and blister

Cat.No.	Type	Pore Size (µm)	Plates/Case
723011	6 Well Cell Culture Inserts	3.0	10
724011	12 Well Cell Culture Inserts	3.0	10
725011	24 Well Cell Culture Inserts	3.0	10
723111	6 Well Cell Culture Inserts	0.4	10
724111	12 Well Cell Culture Inserts	0.4	10
725111	24 Well Cell Culture Inserts	0.4	10
724211	12 Well Cell Culture Inserts	5.0	10
725211	24 Well Cell Culture Inserts	5.0	10
723311	6 Well Cell Culture Inserts	8.0	10
724311	12 Well Cell Culture Inserts	8.0	10
725311	24 Well Cell Culture Inserts	8.0	10

PET Membrane, Non-treated

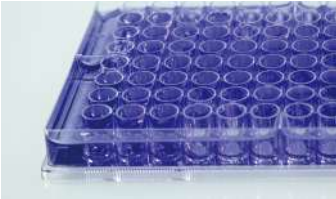
Individually packaged in peelable tyvek film and blister

Cat.No.	Type	Pore Size (µm)	Plates/Case
723131	6 Well Cell Culture Inserts	0.4	10
724131	12 Well Cell Culture Inserts	0.4	10
725131	24 Well Cell Culture Inserts	0.4	10
723031	6 Well Cell Culture Inserts	3.0	10
724031	12 Well Cell Culture Inserts	3.0	10
725031	24 Well Cell Culture Inserts	3.0	10

100mm Cell Culture Insert-dish, Tissue Culture Treated, PC Membrane

Cat.No.	Name	Pore Size (µm)	Insert Membrane Growth Area(cm ²)	Insert Diameter (mm)	Well Volume (mL)	Insert Volume (mL)	Packing Specification
726001	100mm Dish	3.0	44	75	13	9	10 Inserts / Case

Cell Culture Plates



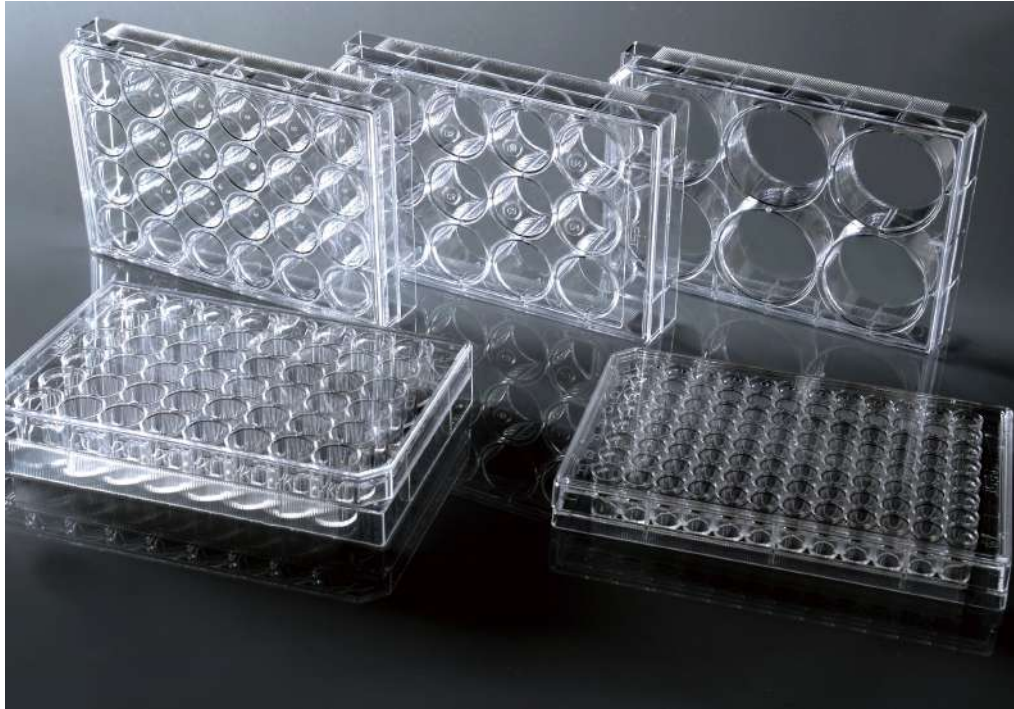
EDGE Cell Culture Plate



EDGE Cell Culture Plate



384 Well Cell Culture Plate



Excellent bottom uniformity



Special lid design ensures low evaporation



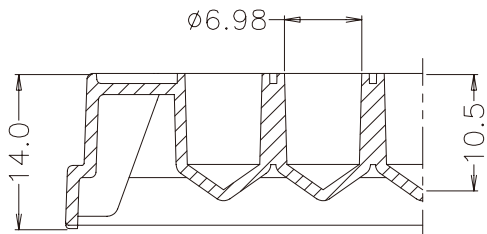
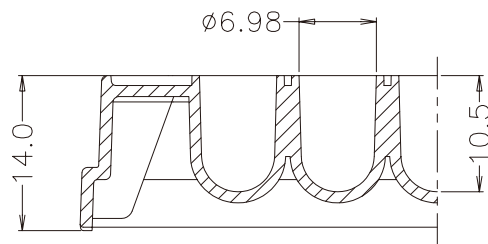
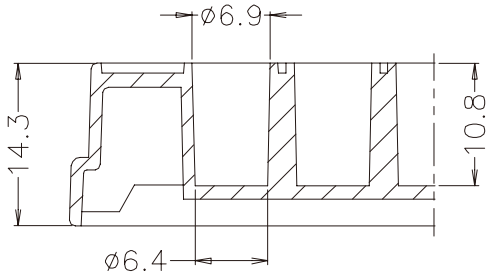
Individually Wrapped



Bulk Pack

- High clarity, 100% virgin polystyrene
- Sterilized by E-beam
- Clear lot number for batch traceability

- Non-Pyrogenic, DNase/RNase Free
- The package box of Nest cell culture plates can be used as reservoirs



• 96 Well (Flat Bottom)











• 96 Well (U-Bottom)

• 96 Well (V-Bottom)

unit : mm











Cell Culture Plates, Tissue Culture Treated

Individually packaged in peelable tyvek film and blister

Cat.No.	Spec (Well)	Bottom	Color	/Case	
703001	6	Flat	Clear	50	
712001	12	Flat	Clear	50	
702001	24	Flat	Clear	50	
748001	48	Flat	Clear	50	
701001	96	Flat	Clear	100	
701101	96	U-Bottom	Clear	100	
701201	96	V-Bottom	Clear	100	
761001	384	Flat	Clear	100	
761301	384	Flat	Black	100	
761601	384	Flat	White	100	

Cell Culture Plates, Non-treated

Individually packaged in peelable tyvek film and blister

Cat.No.	Spec (Well)	Bottom	Color	/Case	
703011	6	Flat	Clear	50	
712011	12	Flat	Clear	50	
702011	24	Flat	Clear	50	
748011	48	Flat	Clear	50	
701011	96	Flat	Clear	100	
701111	96	U-Bottom	Clear	100	
701211	96	V-Bottom	Clear	100	
761011	384	Flat	Clear	100	
761311	384	Flat	Black	100	
761611	384	Flat	White	100	

Cell Culture Plates, Tissue Culture Treated

Individually packaged in plastic bag

Cat.No.	Spec (Well)	Bottom	Color	/Case	
703003	6	Flat	Clear	50	
712003	12	Flat	Clear	50	
702003	24	Flat	Clear	50	
748003	48	Flat	Clear	50	
701003	96	Flat	Clear	100	
761003	384	Flat	Clear	100	





Cell Culture Plates, Tissue Culture Treated

Packaged in plastic bag, 10 Qty/Pk

Cat.No.	Spec (Well)	Bottom	Color	/Case	
703002	6	Flat	Clear	50	
712002	12	Flat	Clear	50	
702002	24	Flat	Clear	50	
701002	96	Flat	Clear	100	
761002	384	Flat	Clear	100	

Low EVAP EDGE Plate

Individually packaged in peelable tyvek film and blister

Cat.No.	Spec (Well)	TC	Color	/Case	
714011	6	Yes	Clear	50	
713011	96	Yes	Clear	100	
714001	6	No	Clear	50	
713001	96	No	Clear	100	

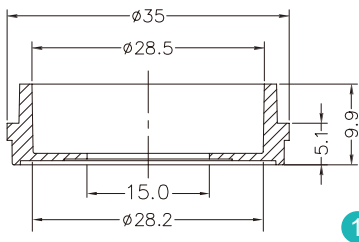
Products Name	Cell Growth Area (cm ²)	Recommended Medium Volume (mL)
6 Well Cell Culture Plate	9.5	1.9-2.9
12 Well Cell Culture Plate	3.6	0.76-1.14
24 Well Cell Culture Plate	1.9	0.38-0.57
48 Well Cell Culture Plate	0.88	0.19-0.285
96 Well Cell Culture Plate	0.32	0.1-0.2
384 Well Cell Culture Plate	0.11	0.025-0.05

Glass Bottom Cell Culture Dishes / Plates

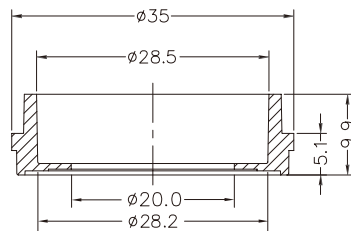


Feature

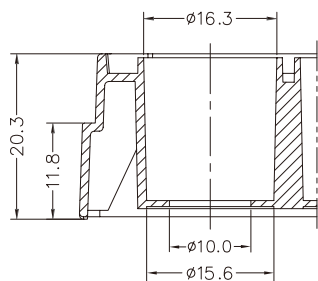
- Can be used for live cells observation
- Special bottom design for easy grip
- Round cover glass insert for good appearance
- Medical adhesive glue to guarantee non-cytotoxicity
- Sterilized by E-beam, SAL=10⁻⁶
- USP VI Polypropylene
- High quality cover glass of standard thickness



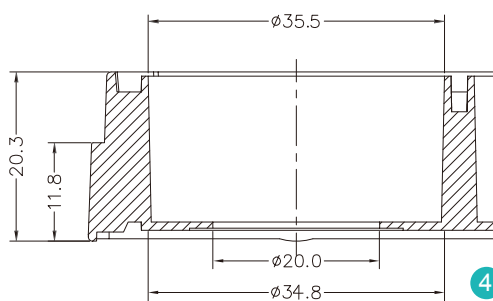
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2



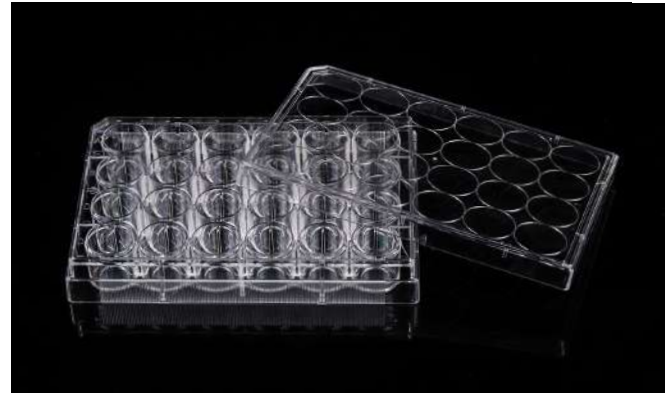
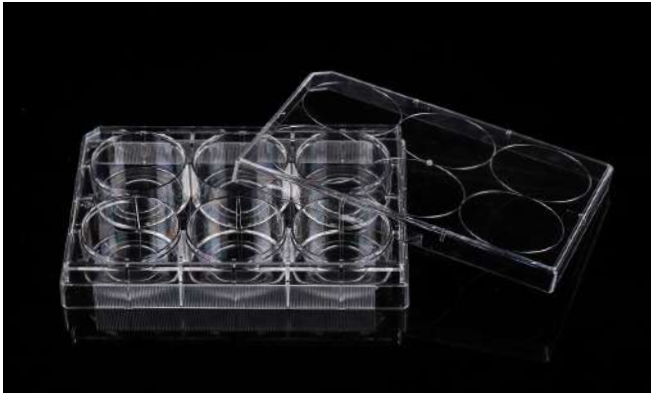
3



4

Unit: mm

- 1 $\phi 15$ Glass Bottom Dish
- 2 $\phi 20$ Glass Bottom Dish
- 3 24 Well Glass Bottom Plate
- 4 6 Well Glass Bottom Plate



Glass Bottom Culture Dishes

Cat.No.	Type (mm)	Glass Diameter (mm)	Cultivation Area (cm ²)	TC	/Pack	/Case
801002	35	15	6.2	Yes	10	200
801001	35	20	6.2	Yes	10	200



Glass Bottom Culture Plates

Cat.No.	Spec (Well)	Glass Diameter (mm)	Cultivation Area (cm ²)	TC	/Pack	/Case
801004	6	34.8	9.5	Yes	10	10
801006	24	15.6	1.9	Yes	10	10



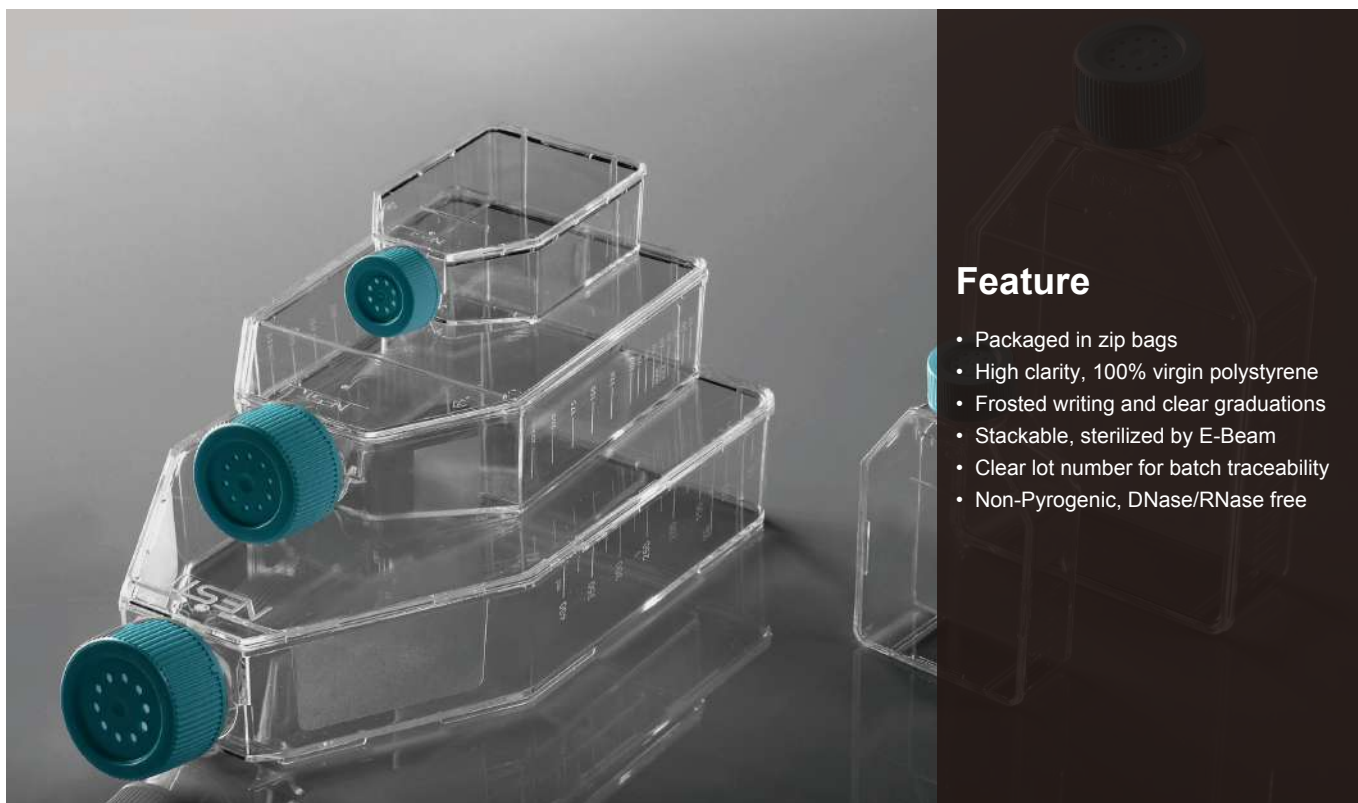
Cover Glasses

Feature

- High quality glass, non-cytotoxic
- Sterile, non-treated
- Manufactured in 100,000 grade clean room
- Resistant to organic solvent
- Autoclavable
- Can be used in confocal experiment

Cat.No.	Glass Diameter (mm)	Thickness (mm)	/Pack	Application
801010	14	0.17	100	24 Well Cell Culture Plate
801007	15	0.17	100	24 Well Cell Culture Plate
801011	18	0.17	100	12 Well Cell Culture Plate
801008	20	0.17	100	12 Well Cell Culture Plate
801009	25	0.17	100	6 Well Cell Culture Plate

Cell Culture Flasks



Feature

- Packaged in zip bags
- High clarity, 100% virgin polystyrene
- Frosted writing and clear graduations
- Stackable, sterilized by E-Beam
- Clear lot number for batch traceability
- Non-Pyrogenic, DNase/RNase free



Vent caps with 0.22 um hydrophobic filters to ensure gas exchange without contamination



Vent caps and plug seal caps



Yellow caps for non-treated flasks

Tissue Culture Treated Cell Culture Flasks

Cat.No.	Cell Growth Area (cm ²)	Cap Style	Volume (mL)	Recommended Medium Volume(mL)	/Pack	/Case
707001	25	Plug Seal	50	5-7.5	10	200
707003	25	Vent	50	5-7.5	10	200
708001	75	Plug Seal	250	15-22.5	5	100
708003	75	Vent	250	15-22.5	5	100
709001	175	Plug Seal	750	35-52.5	5	40
709003	175	Vent	750	35-52.5	5	40
721001	225	Plug Seal	950	45-67.5	5	25
721003	225	Vent	950	45-67.5	5	25

Non-treated Cell Culture Flasks

Cat.No.	Cell Growth Area (cm ²)	Cap Style	Volume (mL)	Recommended Medium Volume(mL)	/Pack	/Case
707011	25	Plug Seal	50	5-7.5	10	200
707013	25	Vent	50	5-7.5	10	200
708011	75	Plug Seal	250	15-22.5	5	100
708013	75	Vent	250	15-22.5	5	100
709011	175	Plug Seal	750	35-52.5	5	40
709013	175	Vent	750	35-52.5	5	40
721011	225	Plug Seal	950	45-67.5	5	25
721013	225	Vent	950	45-67.5	5	25

5-Layer Cell Culture Flasks

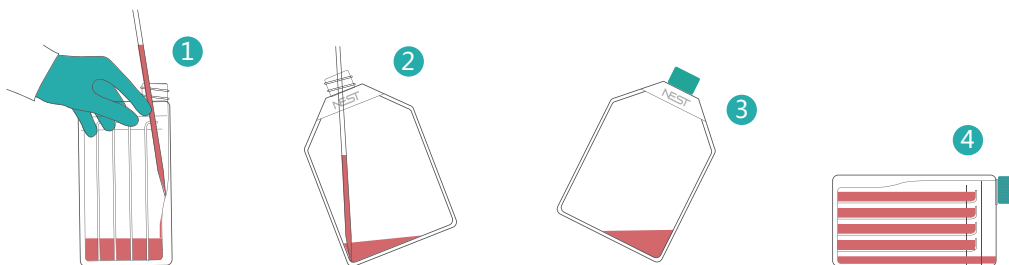


Feature

- High clarity medical grade polystyrene material
- Growth area: 870 cm²
- Sterilized by E-Beam, non-pyrogenic

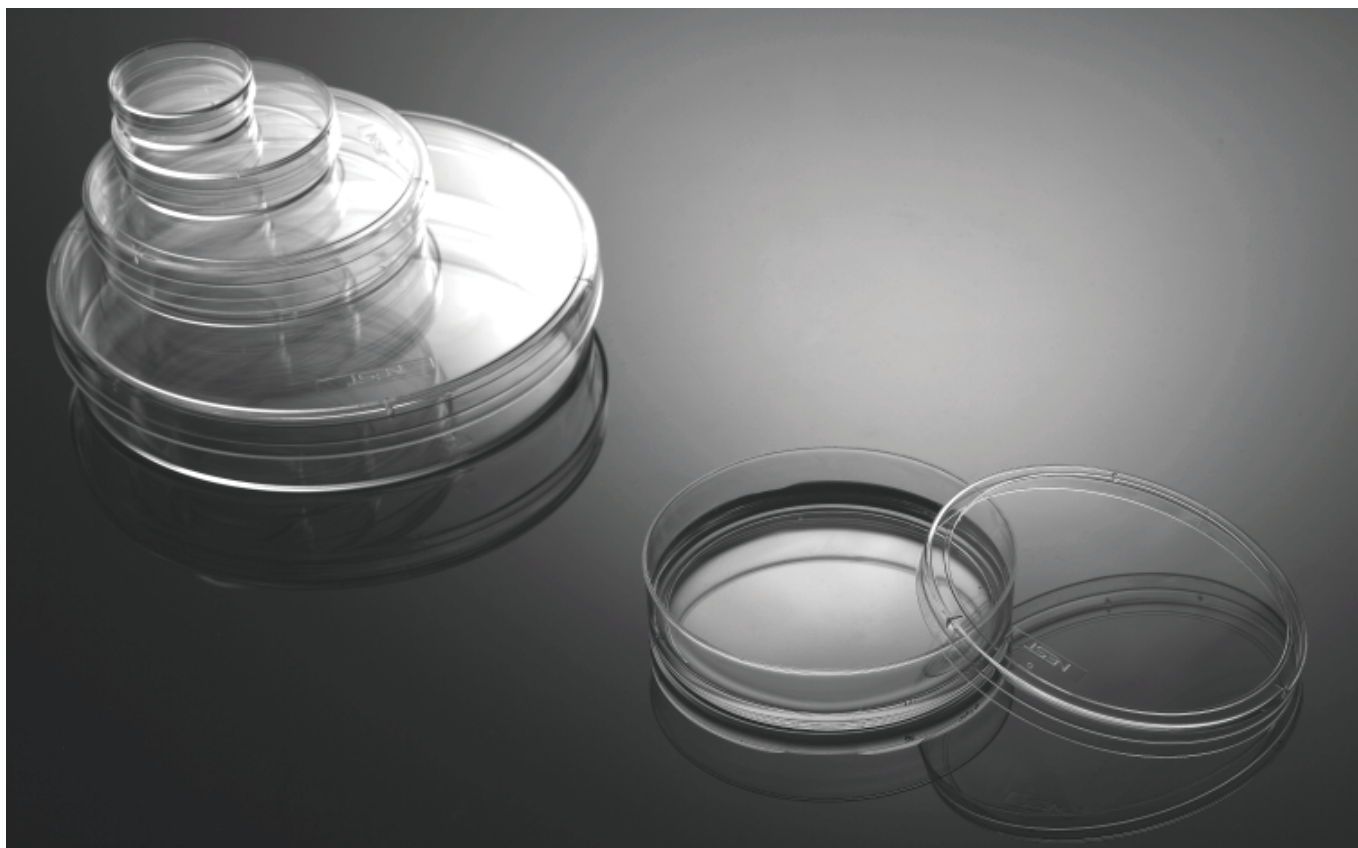
Cat.No.	Cap Style	Recommended Medium Volume(mL)	TC	/Pack	/Case
731001	Plug Seal Cap	100-150	Yes	1	8
731002	Vent Cap	100-150	Yes	1	8

Guidelines For Use:



1. Mix cell suspension with medium: Prepare cell suspension of required concentration in a container. Recommended volume is about 30- 50mL per layer.
2. Add the mixed liquid into the Multi-layer Flask slowly with serological pipettes. To avoid foams and bubbles, allow liquid stream to flow along the slope of the Multi-layer Flask. (Save a little liquid in pipette each time.)
3. Tips: A 10mL pipette allows media to be dispensed at the bottom of the vessel. A 25mL pipette allows media to be dispensed just past the NEST Logo.
4. Hold the Multi-layer Flask upright with the Logo facing you and tilt clockwise to a 45° angle on a flat work surface to partition the liquid into each layer.
5. While holding the Multi-layer Flask at a 45° angle, gently lay it flat onto the work surface with logo facing up.
6. After placing the Multi-layer Flask flat on a work surface, gently rock back and forth and side-to-side to distribute cells evenly onto culture surfaces.
7. Tips: Take care to avoid foaming of medium, and not to spill liquid from each layer.
8. Repeat Step 3 to put the flask quickly and slightly into the incubator . Then, lay it flat as shown in Step 4. You may choose to either aspirate or pour the media from Multi-layer Flask.
9. Aspirating method: To aspirate or remove media, tilt Multi-layer Flask, with the NEST Logo facing you, counter-clock wise to a 45° angle while inverting the Multi-Flask toward you. Then, tilt Multi-layer Flask to the right, continuing to aspirate all residual media.
10. Pouring method: With Logo facing you, pour spent media from Multi-layer Flask
11. Tips: Aspirate media using a NEST 2mL or 10mL aspirating pipette.
12. Wash with buffer for one time and add dissociating reagent (≥5mL per layer). Then, follow Steps 3-4 to distribute to dissociating reagent to each layer.
13. Neutralize with inactivating solution and mix following Steps 3-4. Gently swirl to dislodge cells completely.
14. Follow Step 7 "Aspirating Method" protocol and collect cell suspension using a NEST 10mL serological pipette.
15. Follow Step 8 "Pouring Method". Pour the cell suspension into a NEST conical tube.
16. Rinse with additional wash buffer if needed.
17. Search "NEST Multi-layer Flask" video on NEST website or Youtube.

Cell Culture Dishes



Grip Rings Available for 35mm Dishes



Grip Rings Available for 100mm Dishes



Easy-tear Sterile Package



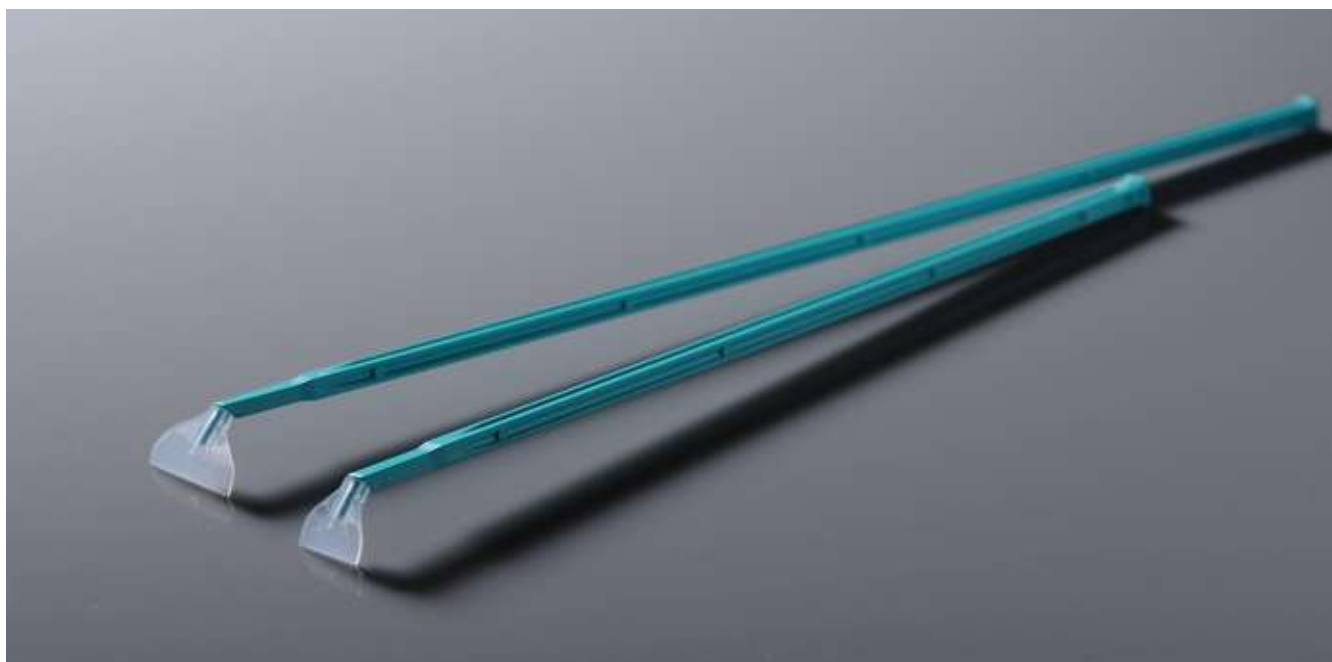
Vents for Gas Exchange

Feature

- High clarity polystyrene
- Vacuum plasma TC treatment, excellent cell adherence
- Sterilized by E-Beam
- Flat transparent surface for distortion-free observation
- Stackable for easy storage and handling
- Non-pyrogenic

Cat.No.	Spec(mm)			Cell Growth Area (cm ²)	Recommended Medium Volume (mL)	/Pack	/Case
	Type	Height	Diameter				
706001	35	12	33.6	8.5	1.8-2.7	20	500
706201	35(With Gripping Ring)	12	33.6	8.5	1.8~2.7	20	500
705001	60	15	55.2	22.9	4.2-6.3	20	500
704004	100	20	87.2	57.6	11-16.5	5	300
704002	100	20	87.2	57.6	11-16.5	10	300
704001	100	20	87.2	57.6	11-16.5	20	300
704202	100(With Gripping Ring)	20	86.9	59.3	11-16.5	10	300
704201	100(With Gripping Ring)	20	86.9	59.3	11-16.5	20	300
715001	150	25	139.9	150.1	30.4-45.6	5	100

Cell Scrapers



Feature

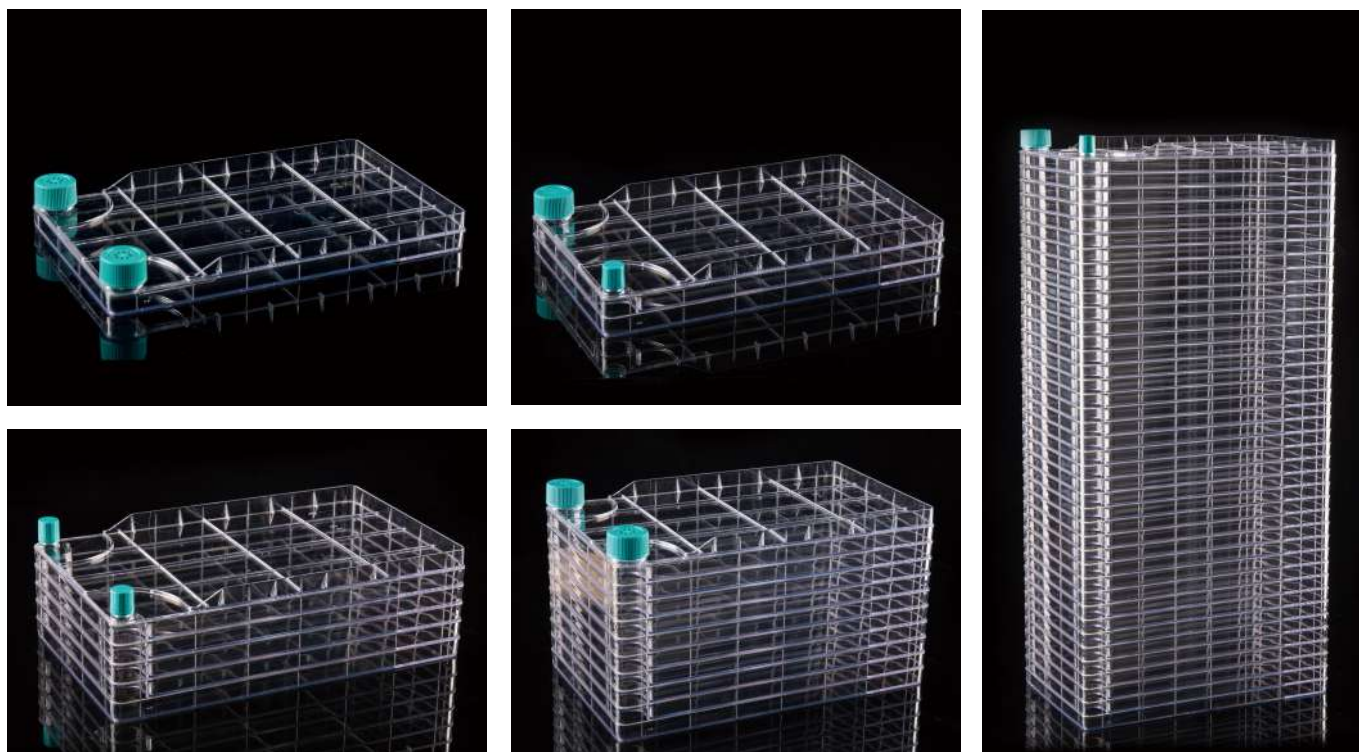
- Free rotating blade, make the blade twist to right direction
- Non-pyrogenic and DNase/RNase free

Cat.No.	Spec(mm)		Sterilization	/Case
	Total Length	Blade Width		
710001	220	13	Yes	100
710011	280	20	Yes	100



Cell Strainers

Cat.No.	Spec (um)	Color	Sterile	/Case
258369	40	Blue	Yes	50
258368	70	White	Yes	50
258367	100	Yellow	Yes	50



Cat.No.	Layer	Cultivation area (cm ²)	Cap Style	/Case
771001	1	647	2 Wide Vent Caps (with extra 16 sterile wide plug seal caps packaged separately)	8
771101	2	1,279	2 Wide Vent Caps (with extra 16 sterile wide plug seal caps packaged separately)	8
771204	5	3,175	2 Wide Vent Caps (with extra 8 sterile wide plug seal caps packaged separately)	4
771302	10	6,335	2 Wide Vent Caps (with extra 12 sterile wide plug seal caps packaged separately)	6
771403	40	25,295	2 Wide Vent Caps (with extra 4 sterile wide plug seal caps packaged separately)	2
772001	1	647	1 Narrow Vent Cap + 1Narrow Plug Seal Cap (with extra 8 sterile narrow vent caps & 8 sterile narrow plug seal caps packaged separately)	8
772101	2	1,279	1 Narrow Vent Cap + 1Narrow Plug Seal Cap (with extra 8 sterile narrow vent caps & 8 sterile narrow plug seal caps packaged separately)	8
772204	5	3,175	1 Narrow Vent Cap + 1Narrow Plug Seal Cap (with extra 4 sterile narrow vent caps & 4 sterile narrow plug seal caps packaged separately)	4
772302	10	6,335	1 Narrow Vent Cap + 1Narrow Plug Seal Cap (with extra 8 sterile narrow vent caps & 8 sterile narrow plug seal caps packaged separately)	6
772403	40	25,295	1 Narrow Vent Cap + 1Narrow Plug Seal Cap (with extra 2 sterile narrow vent caps & 2 sterile narrow plug seal caps packaged separately)	2
773001	1	647	1 Wide Vent Cap & 1 Narrow Plug Seal Cap (with extra 8 sterile wide plug seal caps & 8 sterile narrow vent caps packaged separately)	8
773101	2	1,279	1 Wide Vent Cap & 1 Narrow Plug Seal Cap (with extra 8 sterile wide plug seal caps & 8 sterile narrow vent caps packaged separately)	8
773204	5	3,175	1 Wide Vent Cap & 1 Narrow Plug Seal Cap (with extra 4 sterile wide plug seal caps & 4 sterile narrow vent caps packaged separately)	4
773302	10	6,335	1 Wide Vent Cap & 1 Narrow Plug Seal Cap (with extra 6 sterile wide plug seal caps & 6 sterile narrow vent caps packaged separately)	6
773403	40	25,295	1 Wide Vent Cap & 1 Narrow Plug Seal Cap (with extra 2 sterile wide plug seal caps & 2 sterile narrow vent caps packaged separately)	2

- Large mouth design for easy pouring of the medium directly;
- The small mouth design for easy connection with the feeding systems;
- Breathable cover: 0.22um hydrophobic gas permeable membrane, hindering bacteria and water, can also avoid liquid swelling.

Feature

NEST BioFactory™ has been widely used in large-scale culture of cell lines such as VERO, MRC-5, 2BS, 293T, L-929 and MSC.

- Made of Virgin Polystyrene, which meets USP Class VI requirements for plastic containers and closures;
- Manufactured in dedicated 10,000-class clean room following GMP standards to ensure product quality and stability;
- Ultrasonic welding process without any chemical addition;
- Surface TC treatment ensures efficient cell attachment;
- In-house E-beam sterilization meets the ISO13485 and ISO 11137:2006 standards and achieves sterility level SAL = 10⁻⁶;
- Independent double-layer sterile packaging;
- Compatible with Corning® CellSTACK® Culture Chamber accessories.

Guidelines for use Cell culture



Pour the prepared suspension into the BioFactory™ (recommended volume of 150-200 ml per layer).



Turn the BioFactory™ Chamber 90° make sure the liquid at the same horizontal.



Turn the BioFactory™ Chamber 90° so that the filling and venting ports are up (as shown). It is normal for the medium level in the bottom chamber section to be slightly higher.



Gently lower the BioFactory™ Chamber to its normal horizontal incubation position and gently tilt the chamber back and forth until the surface of each chamber is completely covered with medium.



Put the BioFactory™ into the incubator.

Guidelines for use Precautions

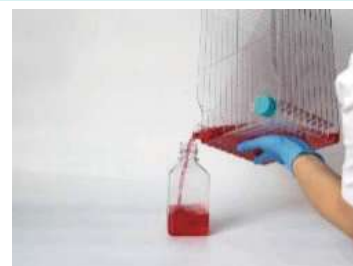
1. Continued mixing of the cell suspension (gently as to not create foam) when filling chambers is recommended to ensure even cell distribution. Preheating the medium to incubation temperature is also recommended to ensure rapid cell attachment. For larger BioFactory™ Chambers, prewarming the Chamber and the medium is especially important due to the increased time required for the middle chambers to reach desired incubation temperatures.
2. Be careful not to spray the hydrophobic filters on the venting caps with alcohol as this will wet them and potentially block the gas flow resulting in pressure build-up or preventing gas exchange.

Cell harvest

For enzymatic cell harvesting using trypsin or other dissociating enzymes, NEST recommends washing the chamber with calcium and magnesium-free phosphate buffered saline (40 to 50 mL per chamber) at least once to remove any serum containing medium residues. Then add prewarmed dissociating solution (20 to 30 mL per chamber) to the chamber and carefully tilt the chamber back and forth and side to side to ensure the entire cell surface is completely wetted with dissociating solution.

Precaution

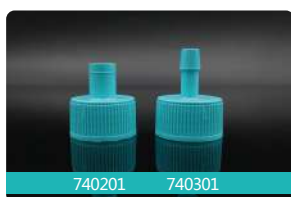
Although a 1°C ~ 2°C temperature variation is common for most cell culture rooms or hoods, it may decrease the yields significantly. Please monitor the temperatures for the BioFactories carefully.



Accessories



Cat.No.	Name	Material	/Pack	/Case
740001	Wide Mouth Seal cap for BioFactory™	HDPE	1	10
740011	Wide Mouth Vent cap for BioFactory™	HDPE	1	10
740101	Narrow Mouth Seal cap for BioFactory™	HDPE	1	10
740111	Narrow Mouth Vent cap for BioFactory™	HDPE	1	10



Cat.No.	Name	Material	SPEC(mm)		/Pack	/Case
			The inside diameter	The outside diameter		
740201	Adaptor Cap Wide Mouth to Narrow Mouth	HDPE	11.8	14.3	1	10
740301	Adaptor Cap Wide Mouth to 3/8 Inches(9.5 mm)hose	HDPE	7.3	11.4	1	10



744001 SPT-50 Hose

Inner Dia# 3/8 Inches (9.5 mm) ,
Outer Dia# 5/8 Inches (15.9 mm) ,
50 Inches/ 15 meters
1 pcs / pack



746001 C-Flex Welding Hose

Inner Dia# 3/8 Inches (9.5 mm) ,
Outer Dia# 5/8 Inches (15.9 mm) ,
50 Inches/ 15 meters
1 pcs / pack



743001 Hose Clamp

Hose clamp for 12-18 mm
diameter hose
10 pcs / pack



751001 Y Shape Connector

Y Shape CPC Connector for Inner Dia
#3/8 Hose
1 pcs / pack, 5 pcs / cs



741001 Adaptor Connector

Adaptor Connector to 3/8 Inches
(9.5 mm)Hose
1 pcs / pack



749001 T Shape Connector

T Shape CPC Connector for Inner Dia
#3/8 Hose
1 pcs / pack, 5 pcs / cs



747001 Connector

CPC & PC
 (Inner Dia #3/8) for Hose to Hose
 Connecting
 1 pcs / pack, 5 pcs / cs



Cat.No.	Name	Description	/Pack	/Case
742001	Vent Filter	0.22 µm, 50 mm diameter	1	5
742011	Vent Filter	0.22 µm, 45 mm diameter	1	5



745001



745011



745021

Cat.No.	
745001	BioFactory Accessory Lite Package Hose Clamp*1+50 mm Vent Filter*1+15 cm SPT-50 Hose*1+Silicone Ring*2, Sterile, 1/pk, 2/cs
745011	BioFactory Accessory Basic Package Hose Clamp*1+50 mm Vent Filter+15 cm SPT-50 Hose*1+Adaptor Connector*1+Silicone Ring*2, Sterile, 1/pk, 2/cs
745021	BioFactory Accessory Premium Package 2 different Adaptor Caps*1+Hose Clamp*1+Adaptor Connector*1 +50 mm Vent Filter*1+Hose Clamp*1+15 m SPT-50 Hose*1, Individually Wrapped, Sterile, 1/pk, 1/cs

Mini Bioreactors

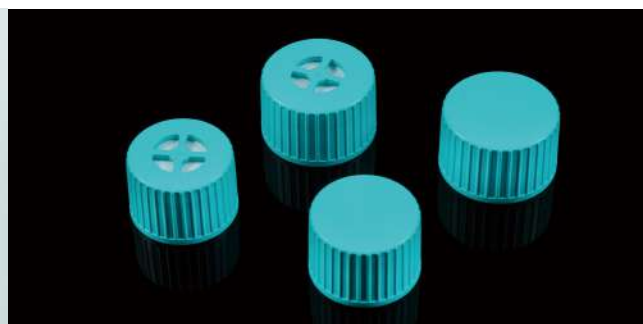
Feature

- USP VI Polypropylene
- HDPE Caps
- High transparency, easy to observe
- Vent caps with 0.22um hydrophobic filters for gas exchange without contamination.
- Packaged in sterile, zip-sealable bags
- Non-pyrogenic, Non-cytotoxic
- DNase/Rnase-free
- Can be used for centrifugation.

Cat.No.	Volume (mL)	/Pack	/Case
788211	50	10	100



PETG Erlenmeyer Flasks



Feature

- PETG Bottle & HDPE Cap
- Sterilized by E-Beam, Nonpyrogenic
- Individually wrapped in sterile bags

Cat.No.	Volume (mL)	Cap Style	Size(mm)			/Case
			Height	Bottleneck Diameter	Bottom Diameter	
781001	125	Plug Seal	106.8	34	66	24
781011	125	Vent	106.8	34	66	24
782001	250	Plug Seal	137.8	34	83	12
782011	250	Vent	137.8	34	83	12
783001	500	Plug Seal	175.8	39	101	12
783011	500	Vent	175.8	39	101	12
784001	1000	Plug Seal	213.3	39	127	6
784011	1000	Vent	213.3	39	127	6

PC Erlenmeyer Flasks



2L PC Erlenmeyer Flasks



3L PC Erlenmeyer Flasks

Feature

- PC Bottle & HDPE Cap
- Vent caps with 0.2um hydrophobic filters for gas exchange without contamination.
- Individually wrapped in sterile bags
- Sterilized by E-Beam
- Nonpyrogenic

Cat.No.	Volume (L)	Cap Style	Size(mm)			/Case
			Height	Bottleneck Diameter	Bottom Diameter	
785001	2	Seal Cap	285	47	162	6
785011	2	Vent Filter Cap	285	47	162	6
786001	3	Seal Cap	253	62	230	4
786011	3	Vent Filter Cap	253	62	230	4

PC Erlenmeyer Flasks, High Efficiency



2L PC Erlenmeyer Flasks, High Efficiency



3L PC Erlenmeyer Flasks, High Efficiency



5L PC Erlenmeyer Flasks, High Efficiency

Feature

- PC Bottle & HDPE Cap
- Vent caps with 0.2um hydrophobic filters for gas exchange without contamination.
- Sterilized by E-Beam
- Nonpyrogenic

Cat.No.	Volume (L)	Cap Style	Size(mm)			/Case
			Height	Bottleneck Diameter	Bottom Diameter	
785101	2	Seal Cap	213.5	67	162	6
785111	2	Vent Filter Cap	213.5	67	162	6
786101	3	Seal Cap	253.5	67	162	4
786111	3	Vent Filter Cap	253.5	67	162	4
787001	5	Seal Cap	285.5	90	230	4
787011	5	Vent Filter Cap	285.5	90	230	4

Transfer Cap System



Inverted Liquid Transfer Cap

The inverted transfer cap is used along with a 2L, 3L or 5L Erlenmeyer Flask to connect a liquid inlet tubing with the required device. When liquid transfer is required, the liquid is transferred under gravity with the inverted erlenmeyer flask.



Multifunctional Liquid Transfer Cap

Unlike the two-way liquid transfer cap, the multifunctional transfer cap can be directly placed in an incubator for culture after the liquid transfer is completed. It can reach a large air flux. The sampling part is composed of a sampling nozzle and a one-way valve, which can prevent the liquid from flowing backwards during the sampling process and ensure the aseptic sampling. The liquid inlet tubing is provided with a PTFE needle filter, which solves the issue of liquid remaining in the tubing during the feeding process.



Two-way Liquid Transfer Cap

The two-way transfer cap is used along with a 2L, 3L or 5L shake flask to connect a liquid inlet tubing with the required device. The liquid transfer is achieved by connection of a peristaltic pump between the erlenmeyer flask and the device. Upon completion of the transfer, the transfer cap can be replaced with a vent cap for culture.

Feature

- Closed system reduces the risks of contamination during liquid transfer.
- The cap is molded and connected in an integrated manner, reducing the risks of leakage and media residues.
- A variety of tubing diameters are available and aseptic welding of liquid inlet tubing under normal conditions is supported.
- High-quality materials and smooth inner wall of the tubing provide an excellent transfer performance.
- Sterility level (SAL) is maintained at 10^{-6} .
- Endotoxin-free, and no ingredients of animal origin.

Application

- It is applicable to liquid transfer and culture during mass proliferation of bacteria and suspension cells.

Cat.No.	Name	Description of Hoses	Hoses' Length(cm)	/Case
785931	Multi-Function Liquid Transfer Cap System for 2L Erlenmeyer Flasks	Thermoplastic Hose. Diameter: 1/8" ID, 1/4" OD	50 cm	4
786931	Multi-Function Liquid Transfer Cap System for 3L Erlenmeyer Flasks		50 cm	4
787931	Multi-Function Liquid Transfer Cap System for 5L Erlenmeyer Flasks		92 cm	4
785921	Bi-directional Liquid Transfer Cap System for 2L Erlenmeyer Flasks		50 cm	4
786921	Bi-directional Liquid Transfer Cap System for 3L Erlenmeyer Flasks		50 cm	4
787921	Bi-directional Liquid Transfer Cap System for 5L Erlenmeyer Flasks		92 cm	4
785941	Inverted Liquid Transfer Cap System for 2L Erlenmeyer Flasks		50 cm	4
786941	Inverted Liquid Transfer Cap System for 3L Erlenmeyer Flasks		50 cm	4
787941	Inverted Liquid Transfer Cap System for 5L Erlenmeyer Flasks		92 cm	4

Serological Pipettes

Feature

- High clarity polystyrene
- Individually wrapped
- Edged color-coded band for identification
- Negative graduations for extra volume
- Sterilized by E-beam
- Non-pyrogenic, non-cytotoxic and non-haemolytic
- DNase/RNase free
- Polyolefin fiber filter to reduce contamination



Cat.No.	Volume (mL)	Description	/Pack	/Case
324001	1	Individually Wrapped	500	3,000
325001	2	Individually Wrapped	400	2,400
326001	5	Individually Wrapped	200	800
327001	10	3 pieces construction, Individually Wrapped	200	800
328001	25	Individually Wrapped	200	800
329001	50	Individually Wrapped	100	600

Pasteur Pipettes

Feature

- Good chemical stability
- Transparent with clear graduations for easy observation
- Pipette can be twisted for use with micro vessels and special-shaped containers
- High precision and good repeatability
- Individually wrapped, sterilized by EO
- DNase/RNase, endotoxin and pyrogenic free



Cat.No.	Volume (mL)	Length (mm)	Pack	Sterile	/Pack	/Case
318012	1	160	Individually Packed	YES	500	2,000
318112	2	150	Individually Packed	YES	500	2,000
318212	3	162	Individually Packed	YES	500	2,000
318314	3(extra long)	182	Individually Packed	YES	200	2,000
318031	1	160	Bulk	NO	500	5,000
318131	2	150	Bulk	NO	500	5,000
318231	3	162	Bulk	NO	500	5,000

Vacuum Filtration Systems



Nest Disposable Vacuum Filtration System is useful for large volume sample separation and sterilization for tissue culture media and other biological buffers. The units include PES or PVDF membrane filters with graduated filter tops made with polystyrene, and Acrylonitrile-Butadiene-Styrene necks with polystyrene receiving bottles. A separated sterile polyethylene cap is included. Filtration system is manufactured from raw material of high transparency polystyrene (PS) in three different volumes: 250ml/500ml/1000ml. They are available in three styles: complete filter/storage bottle systems, bottle top filters, and receiving bottles only.

Features

- High flow rates and throughput;
- Low protein binding and low chemical extractable;
- Filtration membrane: PES or PVDF;
- Pore size: 0.22 μm ;
- E-beam Sterile
- DNase-free, RNase-free;
- Non-pyrogenic, non-endotoxin and surfactant free ;
- SAL level 10^{-6}

Vacuum Filtration, PVDF Membrane

Cat.No.	Volume (mL)	Pore Density (μm)	/Pack	/Case
342102	250	0.10	1	12
342101	250	0.22	1	12
342103	250	0.45	1	12
343102	500	0.10	1	12
343101	500	0.22	1	12
343103	500	0.45	1	12
344102	1000	0.10	1	12
344101	1000	0.22	1	12
344103	1000	0.45	1	12

Vacuum Filtration, MCE Membrane

Cat.No.	Volume (mL)	Pore Density (μm)	/Pack	/Case
342202	250	0.10	1	12
342201	250	0.22	1	12
342203	250	0.45	1	12
343202	500	0.10	1	12
343201	500	0.22	1	12
343203	500	0.45	1	12
344202	1000	0.10	1	12
344201	1000	0.22	1	12
344203	1000	0.45	1	12

Vacuum Filtration, PES Membrane

Cat.No.	Volume (mL)	Pore Density (μm)	/Pack	/Case
342002	250	0.10	1	12
342001	250	0.22	1	12
342003	250	0.45	1	12
343002	500	0.10	1	12
343001	500	0.22	1	12
343003	500	0.45	1	12
344002	1000	0.10	1	12
344001	1000	0.22	1	12
344003	1000	0.45	1	12

Vacuum Filtration, CA Membrane

Cat.No.	Volume (mL)	Pore Density (μm)	/Pack	/Case
342302	250	0.10	1	12
342301	250	0.22	1	12
342303	250	0.45	1	12
343302	500	0.10	1	12
343301	500	0.22	1	12
343303	500	0.45	1	12
344302	1000	0.10	1	12
344301	1000	0.22	1	12
344303	1000	0.45	1	12

Bottle Top Vacuum Filter

Cat.No.	Volume (mL)	Pore Density (µm)	/Pack	/Case
342011	250	0.22 µm, PES	1	24
342111	250	0.22 µm, PVDF	1	24
343011	500	0.22 µm, PES	1	24
343111	500	0.22 µm, PVDF	1	24
344011	1000	0.22 µm, PES	1	24
344111	1000	0.22 µm, PVDF	1	24

Receiver Bottle

Cat.No.	Volume (mL)	/Pack	/Case
342021	250	1	24
343021	500	1	24
344021	1000	1	12

Product Parameters

Volume (mL)	Membrane Dia(mm)	Capacity(ml)	Max.Temp (°C)	Neck Dia(mm)	Height (mm)	Material of Neck
250	50	250	45	45	198	ABS
500	90	500	45	45	247	ABS
1000	90	1000	45	45	280	ABS

Membrane type	Hydrophilicity	Feature	Application directions	Cautions
PES	Hydrophilic	Low protein adsorption, high flow rate, wide PH range, high chemical compatibility, good heat resistance	For general culture media and aqueous solutions, polar or middle-polar solvents, neutral aqueous solutions	Should not be used for chloroform, esters, amides and strong acids or strong bases.
PVDF	Hydrophilic	Wide practicability, good oxidation resistance and heat resistance	May be used for aqueous solutions and most solvents, including strong non-polar solvents. Ideal for preparations of HPLC and GC	Should not be used for strong acids and bases
MCE	Hydrophilic	Strong chemical compatibility and low protein adsorption, the optimum pH range is 3-6;	Used for particle analysis of general culture media and aqueous solutions. HPLC sample preparation.	The set should not be used for filtration of ethanol and alkaline solutions. The working temperature should not be over 40 °C .
CA	Hydrophilic	High flow rate and heat stability as well as very low adsorption, stable within the range of pH 4-8.	It may resist most alcohols and oils, and is suitable for sterling filtration of aqueous solutions, buffers, serum and culture media, as well as filtration of the moving phase of HPLCD.	The CA membrane may accommodate a smaller volume of buffer since it has low hydrophilia.

Syringe Filters



Feature

- Nonpyrogenic and noncytotoxic
- Sterilized by E-beam
- Individually Wrapped

Cat. No.	Membrane	Size (mm)	Pore Density (µm)	/Pack	/Case
331011	PES	30	0.22	100	1,000
331001	PVDF	30	0.22	100	1,000

Cryogenic Vials



Feature

- USP VI Polypropylene Tubes, HDPE Caps
- Round Bottom, Self-standing
- Solid, one-piece construction ensures the barcode not fall off during the storage under low temperature
- Autoclavable
- Clear graduations and white marking area
- Sterilized by E-Beam
- Non-pyrogenic, DNase/RNase and human DNA free
- Recommend to store in gas phase of the nitrogen tank
- External thread Cap: Special screw cap designed without silicone ring.
- Internal thread Cap: Special screw cap designed with silicone O-ring to secure the sealing under various condition.

Cryogenic Vial, Bulk Package

Cat.No.	Volume (mL)	Cap Style	Packaging	
			/Pack	/Case
618001	0.5	External Thread	50	2,000
606001	1.2	External Thread	50	2,000
607001	2.0	External Thread	50	2,000
624001	3.0	External Thread	50	1,000
608001	4.0	External Thread	50	1,000
609001	5.0	External Thread	50	1,000
618101	0.5	Internal Thread	50	2,000
606101	1.2	Internal Thread	50	2,000
607101	2.0	Internal Thread	50	2,000
624101	3.0	Internal Thread	50	1,000
608101	4.0	Internal Thread	50	1,000
609101	5.0	Internal Thread	50	1,000

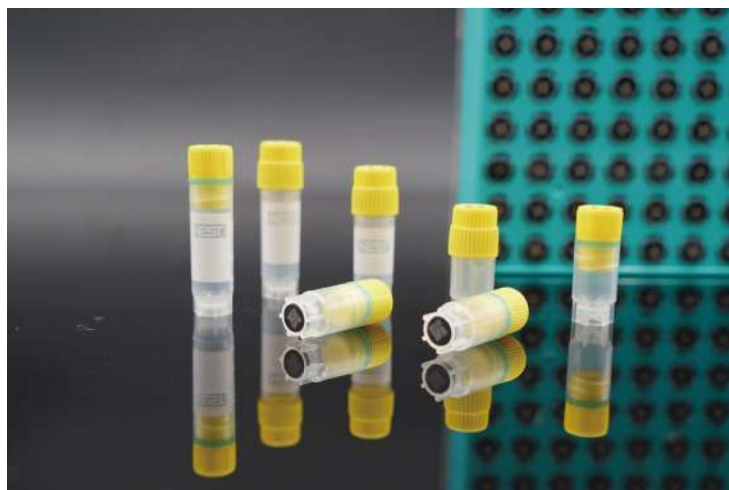
Cryogenic Vial, Racked Package

Cat.No.	Volume (mL)	Cap Style	/Rack	Rack/Cs
618102	0.5	Internal Thread	10*10	16
606102	1.2	Internal Thread	10*10	14
607102	2.0	Internal Thread	10*10	12
618003	0.5	External Thread	9*9	16
606003	1.2	External Thread	9*9	14
607003	2.0	External Thread	9*9	12
624003	3.0	External Thread	9*9	8
608003	4.0	External Thread	9*9	8
609003	5.0	External Thread	9*9	6
618103	0.5	Internal Thread	9*9	16
606103	1.2	Internal Thread	9*9	14
607103	2.0	Internal Thread	9*9	12
624103	3.0	Internal Thread	9*9	8
608103	4.0	Internal Thread	9*9	8
609103	5.0	Internal Thread	9*9	6

Cryogenic 2D Matrix Vials

Feature

- Autoclavable
- Sterilized by E-Beam
- Non-pyrogenic, DNase/RNase free
- Recommend to store in gas phase of the nitrogen tank



2D Barcode Cryogenic Vials, Bulk Package

Cat. No.	Volume(mL)	Cap Style	/Pack	/Case
618041	0.5	External Thread	50	2,000
606041	1.2	External Thread	50	2,000
607041	2.0	External Thread	50	2,000
624041	3.0	External Thread	50	1,000
608041	4.0	External Thread	50	1,000
609041	5.0	External Thread	50	1,000
618141	0.5	Internal Thread	50	2,000
606141	1.2	Internal Thread	50	2,000
607141	2.0	Internal Thread	50	2,000
624141	3.0	Internal Thread	50	1,000
608141	4.0	Internal Thread	50	1,000
609141	5.0	Internal Thread	50	1,000

2D Barcode Cryogenic Vials, Racked Package

Cat. No.	Volume(mL)	Cap Style	/Rack	Rack/Cs
618152	0.5	Internal Thread	10*10	16
606152	1.2	Internal Thread	10*10	14
607152	2.0	Internal Thread	10*10	12
618053	0.5	External Thread	9*9	16
606053	1.2	External Thread	9*9	14
607053	2.0	External Thread	9*9	12
624053	3.0	External Thread	9*9	8
608053	4.0	External Thread	9*9	8
609053	5.0	External Thread	9*9	6
618153	0.5	Internal Thread	9*9	16
606153	1.2	Internal Thread	9*9	14
607153	2.0	Internal Thread	9*9	12
624153	3.0	Internal Thread	9*9	8
608153	4.0	Internal Thread	9*9	8
609153	5.0	Internal Thread	9*9	6

3D Barcode 1.8 mL Cryogenic Vial

Cat. No.	Cap Style	Packing Style	/Pack	/Case
627102	External Thread Double Secure Cap	10*10/Rack	100	1000
627002	External Thread	10*10/Rack	100	1000
627101	External Thread Double Secure Cap	Bulk	50	2000
627001	External Thread	Bulk	50	2000



Cap Insert

Cat. No.	Color	/Pack	/Case
611001	White	100	1,000
611002	Red	100	1,000
611003	Yellow	100	1,000
611004	Blue	100	1,000
611005	Green	100	1,000
611006	Purple	100	1,000

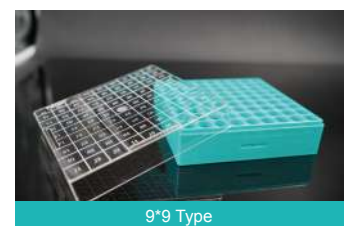


Cryo Boxes

Feature

- Temperature range: -196°C to +70°C
- PC cap with ABS bottom
- Each box includes drain holes and air vents to minimize condensation.

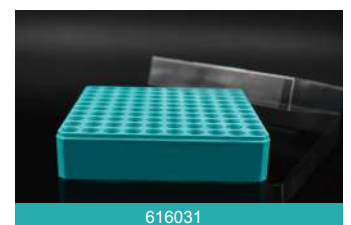
Cat. No.	Description	Spec	/Case
616204	For 0.5mL vials, Internal Thread Cryogenic Vial Only	10*10	56
616305	For 1.2mL vials, Internal Thread Cryogenic Vial Only	10*10	48
616001	For 2.0mL vials, Internal Thread Cryogenic Vial Only	10*10	40
616224	For 0.5 mL vials	9*9	56
616325	For 1.2 mL vials	9*9	48
616021	For 2.0 mL vials	9*9	40
616421	For 3.0 mL vials	9*9	32
616121	For 4.0 mL vials	9*9	32
616521	For 5.0 mL vials	9*9	32
616031	For Cat.No. 627102 & 627002	10*10	40



9*9 Type

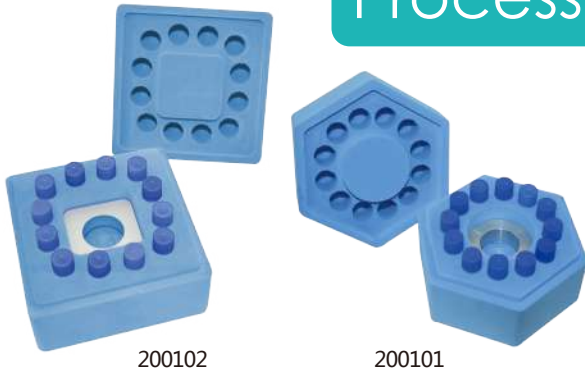


10*10 Type



616031

Process Cooling Box for 12 Tubes



Application

- Holds 12 tubes - 1ml / 2ml cryogenic vials or 1.5ml / 2ml centrifuge tubes

Cat.No.	Shap	Specification (mm)	Weight (g)
200101	Hexagonal	S108X100 (S: Side Length)	120
200102	Square	117X117X100	160



Ice Free Cool Box for 30 Tubes

Cat.No.	Weight	Specification	Packing
200103	1300 g	152x170x123 (mm)	Each suit include: 200901x1, 200902x1, 200904x1

Ice Free Cool Box

Cat.No.	Specification (mm)	Weight (g)
200901	152x170x123	140

Ice Core

Cat.No.	Name	Temperature Range	Refrigerator's Temperature	Freeze Time	Specifications (mm)
200902	Cooling Core	0.5°C~4°C	-20°C	4h+	105 x 100 x 26
		0.5°C~4°C	-80°C	2h+	105 x 100 x 26
200903	Freeze Core	-18°C~-4°C	-20°C	6h+	105 x 100 x 26
		-18°C~-4°C	-80°C	3h+	105 x 100 x 26

Tube Module

Cat.No.	Name	Specifications (mm)	Application
200904	2ml Module	119 x 101 x 38	30 x 2 ml Cryo Tube (30-φ12.6)
200905	1.5ml Module	119 x 101 x 38	48 x 1.5 ml Cryo Tube (48-φ11)
200906	5ml Module	119 x 101 x 38	/
200907	PCR Module	119 x 101 x 38	Match with PCR Module (96-φ7)

Freezing Box Accessories



Technical Parameters

Temperature Range	Cooling Sources	Cooling Sources Processing	Module Processing	Insulation Time (Open cover)	Insulation Time (Close cover)	Performance Diagram
0.5°C~4°C	Ice core CL	Place it above 4hrs under -20°C, use after 10mins when room temp. goes up.	Precooling to 0.5°C~4°C	4h	6h	
0.5°C~4°C		Place it above 4hrs under -20°C, then use directly.	Room Temp			
0.5°C~4°C		Place it above 2hrs under -80°C, then use directly.				
-18°C~-4°C	Ice core CF	Place it above 6hrs under -20°C.	Precooling 30mins under -20°C	3h	4h	
-18°C~-4°C		Place it above 3hrs under -80°C.				

15 mL & 50 mL Centrifuge Tubes



Feature

- Meet the requirements of analytical level
- High strength non-toxic materials, raw material comply with USP VI requirements
- Printed clear graduations with marking area
- PP for the tube and HDPE for the cap
- One-hand operation design
- Sterilized by E-Beam
- DNase, RNase and pyrogen free

Centrifuge Tubes, Premium

- Meet the requirements of analytical level
- High strength non-toxic materials
- Raw material comply with USP VI requirements



Cat.No.	Volume (mL)	Color	Max.RCF(xg)	Type	Packaging	/Pack	/Case
601001	15	Clear	12,000	Premium	PS Rack	50	500
601002	15	Clear	12,000	Premium	Bulk	50	500
602001	50	Clear	12,000	Premium	PS Rack	25	500
602002	50	Clear	12,000	Premium	Bulk	25	500
601201	15	Amber	12,000	Premium	PS Rack	50	500
602201	50	Amber	12,000	Premium	PS Rack	25	500



Centrifuge Tubes



PS Rack



Bagged

Centrifuge Tubes, Standard & Self-standing

- Made from virgin polypropylene to meet the general requirements of the laboratory
- Made from virgin polypropylene, skirted and self-standing

Cat.No.	Volume(mL)	Max.RCF(xg)	Packaging	Type	/Pack	/Case
601051	15	12,000	PS Rack	Standard	50	500
601052	15	12,000	Bulk	Standard	50	500
602051	50	12,000	PS Rack	Standard	25	500
602052	50	12,000	Bulk	Standard	25	500
602072	50 (Self-Standing)	5,000	Bulk	Standard	25	500



Centrifuge Tube Racks



Feature

- Made from virgin polypropylene
- Reusable and economic
- Non-sterilized

Cat.No.	Application	/Case
610001	For 15 mL Tubes	50
610101	For 50 mL Tubes	50

Microcentrifuge Tubes



Feature

- USP VI grade polypropylene material, free from heavy metal
- RCF: 30000 xg
- Special safelock cap design provides secure lid sealing
- Clear graduations and frosted marking area
- Easy opening and closing
- Autoclavable
- RNase free, endotoxin level less than 0.1EU
- Both sterile and non-sterile tubes are available

Cat.No.	Volume (mL)	Color	Bottom	Sterile	/Pack	/Case
605001	0.6	Clear	Conical	NO	1,000	10,000
615001	1.5	Clear	Conical	NO	500	5,000
620011	2	Clear	Round	NO	500	5,000
605601	0.6	Clear	Conical	YES	50	7,500
615601	1.5	Clear	Conical	YES	50	4,000
620611	2	Clear	Round	YES	50	4,000
615401	1.5	Amber	Conical	YES	50	4,000
605401	0.6	Amber	Conical	YES	50	7,500
603011	5.0	Clear	Round	NO	200	2,000
603111	5.0	Clear	Round	YES	200	2,000

Micro Tube Boxes

Feature

- Clear polycarbonate cover for easy identification
- Temperature range from -80 °C to -121 °C
- Solid polypropylene base and polycarbonate cover
- Non-sterile

Cat.No.	Application	Spec (well)	/Pack	/Case
613001	0.6 mL	10*10	1	40
613111	1.5/2 mL	8*8	1	40



Universal Pipette Tips



Liquid Handling Pipette Tips

Bulk, Non-sterile

Cat.No.	Volume (uL)	Color	/Pack	/Case
301006	10	Clear	1,000	20,000
302106	200	Yellow	1,000	20,000
305006	300	Clear	1,000	10,000
303206	1,000	Blue	1,000	5,000
304006	1,250	Clear	500	5,000

Filter Pipette Tips

Bulk, Non-sterile

Cat.No.	Volume (uL)	Color	/Pack	/Case
311001	10	Clear	1,000	10,000
316001	100	Clear	1,000	10,000
312001	200	Clear	1,000	10,000
313001	1,000	Clear	500	5,000

Tip Box

Cat.No.	Description	/Pack	/Case
351001	10 µl Filter Tip Box	1	50
351101	200 µl Filter Tip Box	1	50
351201	1000 µl Filter Tip Box	1	50
351301	1250 µl Filter Tip Box	1	50

Liquid Handling Pipette Tips

Racked, Sterile

Cat.No.	Volume (uL)	Color	/Box	/Case
301016	10	Clear	96	4,800
302116	200	Yellow	96	4,800
305016	300	Clear	96	4,800
303216	1,000	Blue	100	5,000
304016	1,250	Clear	96	4,800

Filter Pipette Tips

Racked, Sterile

Cat.No.	Volume (uL)	Color	/Box	/Case
311012	10	Clear	96	4,800
316012	100	Clear	96	4,800
312012	200	Clear	96	4,800
313012	1,000	Clear	96	4,800



Automation Tips



Automation Tips

Cat.No.	Volume (µL)	Sterile	/Pack	/Box	/Case
332002	50	Yes	96	960	4800
332102	200	Yes	96	960	4800
332202	1000	Yes	96	960	4800

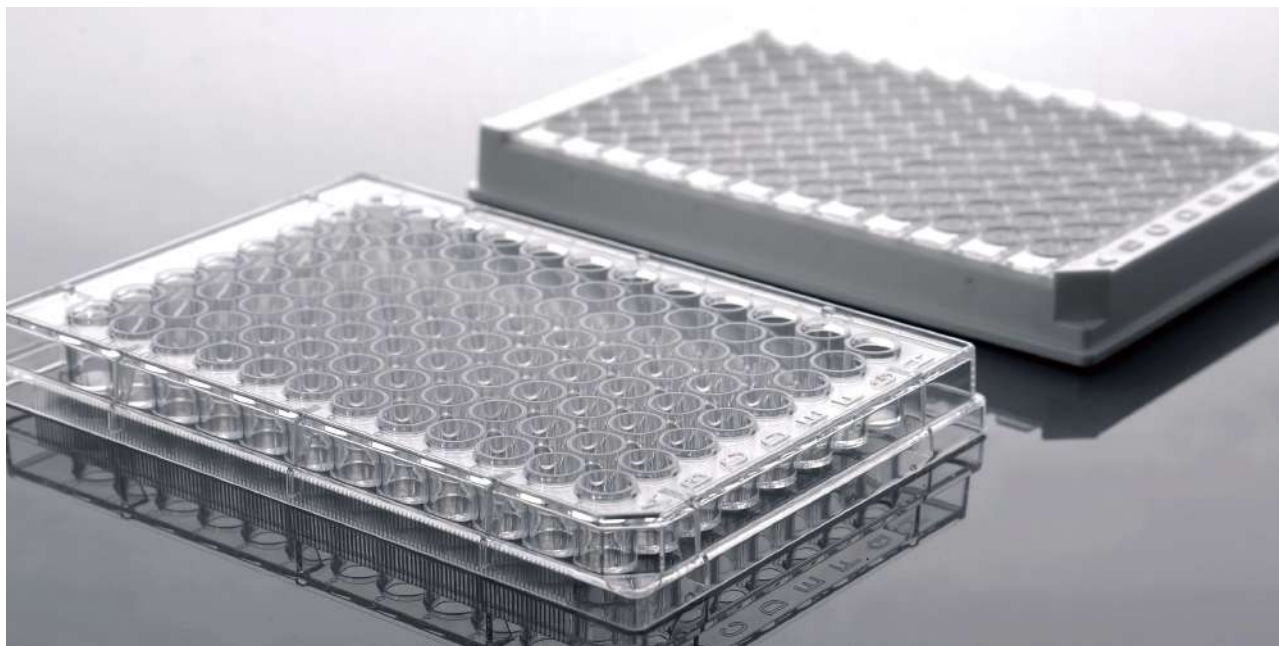
Automation Tips With Filter

Cat.No.	Volume (µL)	Sterile	/Pack	/Box	/Case
332012	50	Yes	96	960	4800
332112	200	Yes	96	960	4800
332212	1000	Yes	96	960	4800

Automation Tips

Feature	<ul style="list-style-type: none"> ■ Medical grade polypropylene conductive material, 100,000 clean room production ■ No DNA, RNA, proteases and pyrogenic sources ■ Unique polishing technology ensures smooth inner surface of the tip ■ Mature injection molding technology and independent mold design technology to ensure the stability and uniformity of product performance ■ Ensure product compatibility while fully meeting product accuracy and repeatability requirements ■ The unique thin-walled nozzle technology makes the liquid-absorbent adapter head and the tip of the workstation more sealed and adaptable ■ The filter tip effectively forms a protective structure between the pipetting station interface and the sample to ensure the safety of liquid absorption and avoid contact with special samples and harmful chemical reagents ■ Use a disposable tip to facilitate and clean, avoid cross-contamination, and ensure the accuracy and feasibility of the results of the experiment ■ Porous structure filter tip can effectively and prevent the aerosol from entering the pipetting channel.
Application	<ul style="list-style-type: none"> ■ Clinical testing, pharmaceutical, life science research, animal and plant inspection and quarantine research ■ It can be used in TECAN automatic enzyme free workstation, automatic sample loading system, mainly used for liquid distribution and transfer.
Adapted Device Type	Tecan Genesis/Freedom/Evo/Tecan MiniPrep/Tecan Cavro
Remark	<ul style="list-style-type: none"> ■ Use with the adapted device. ■ The amount of liquid can not exceed the maximum capacity of the tip.

ELISA Plates



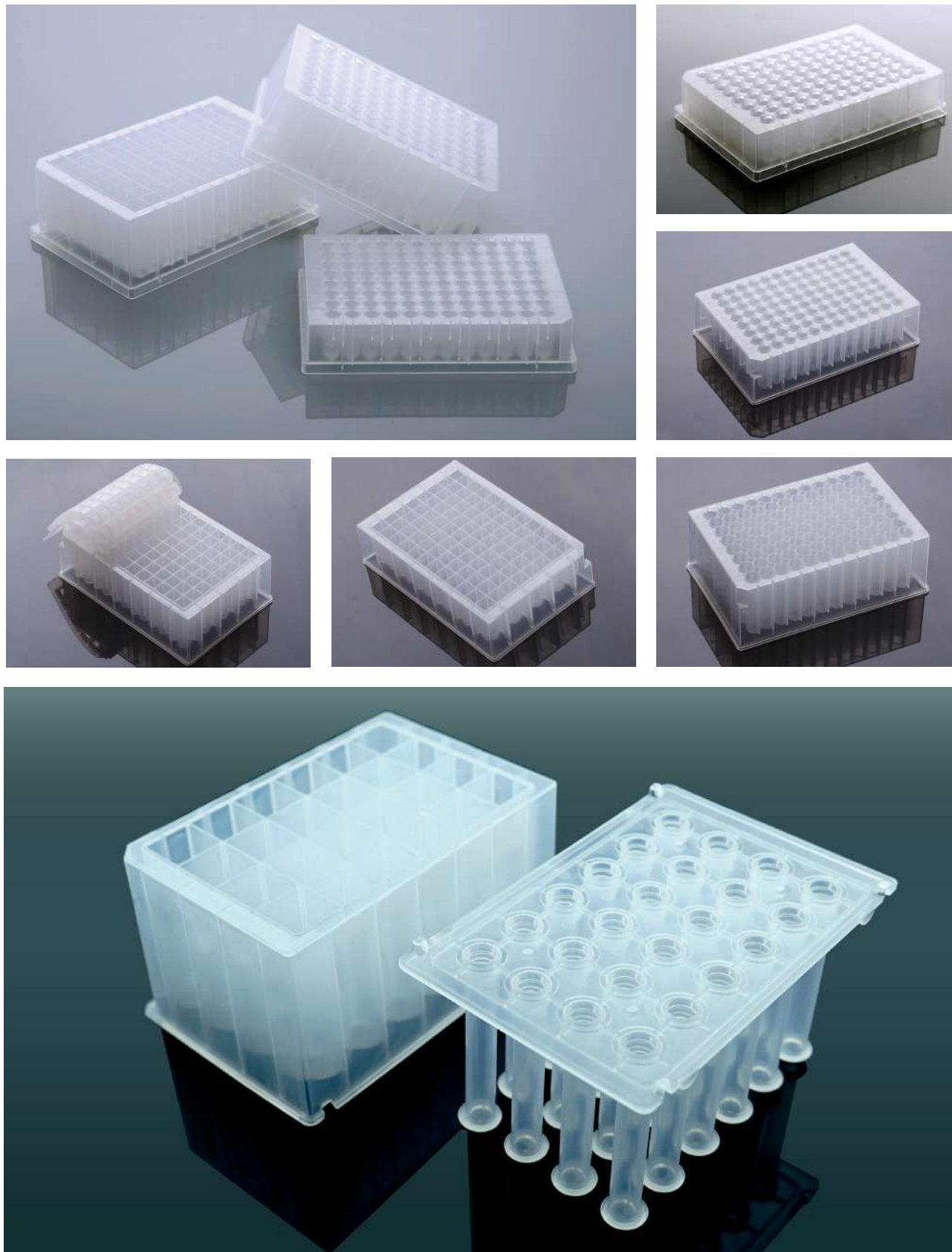
Cat.No.	Description	Spec (well)	Color	/Pack	/Case
504201	Detachable, High Binding, Clear	96	White Frame & Transparent Well	5	50
514201	Undetachable, High Binding, Clear	96	Transparent	5	50

Cuvettes



Cat.No.	Description	/Pack	/Case
370011	3.5ml Standard Cuvette, 10 mm, PS, Range 340-800 nm	100	1000
370211	1.5ml Semi-Micro Cuvette, 10 mm, PS, Range 340-800 nm	100	1000

Deep Well Plates/Silicone Sealing Mat



Deep Well Plates, Round Wells

Cat.No.	Description	/Pack	/Case
504102	3.5 mL 48-Well Deep Well Plate, U-Bottom, Non-Sterile	5	50
500101	0.36 mL 96-Well Deep Well Plate, V-Bottom, Non-Sterile	10	50
501102	0.4 mL 96-Well Deep Well Plate, U-Bottom, Non-Sterile	10	50
501601	0.5 mL 96 Well Deep Well Plate, V-Bottom, Sterile	10	50
502102	1.0 mL 96-Well Deep Well Plate, U-Bottom, Non-Sterile	5	50
503102	2.0 mL 96-Well Deep Well Plate, U-Bottom, Non-Sterile	5	50

Deep Well Plates, Square Wells

Cat.No.	Description	/Pack	/Case
504002	4.6 mL 48-Well Deep Well Plate, U-Bottom, Non-Sterile	5	50
504062	4.6 mL 48-Well Deep Well Plate, U-Bottom, Sterile	5	50
501002	1.0 mL 96-Well Deep Well Plate, U-Bottom, Non-Sterile	5	50
502002	1.6 mL 96-Well Deep Well Plate, U-Bottom, Non-Sterile	5	50
503001	2.0 mL 96 Well Deep Well Plate, V-Bottom, Non-Sterile	5	50
503501	2.0 mL 96 Well Deep Well Plate, V-Bottom, Sterile	5	50
503002	2.2 mL 96-Well Deep Well Plate, U-Bottom, Non-Sterile	5	50
510011	510001*1 & 509001*1, Compatible with Thermo KingFisher System	1	25
510001	16 mL 24-Well Deep Well Plates, V Bottom, Sterile	1	25
509001	24 Well Plastic Comb, 67.6*13.5 mm, Sterile	1	25

Silicone Sealing Mat

Cat.No.	Description	/Pack	/Case
506003	96 Well Square Well Silicone Sealing Mat	10	50
506004	96 Well Square Well Silicone Sealing Mat, Can be Punctured	10	50
506005	96 Well Round Well Silicone Sealing Mat, Can be Punctured, Fits all 0.35 - 1.0 ml 96 well round well plates	10	50
506006	96 Well Round Well Silicone Sealing Mat, Fits 2.0 ml 96 Well Round Well Plates	10	50

PCR Tubes & Caps

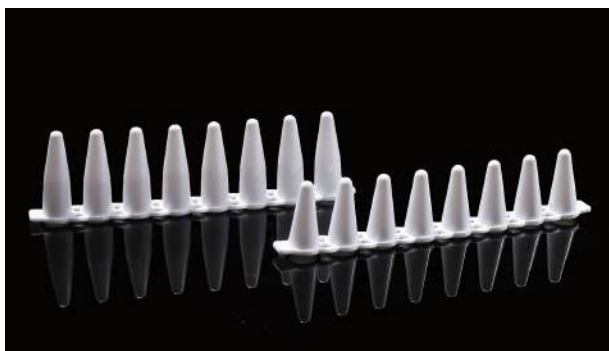
Feature

- Free of Dnase and Rnase, human DNA and PCR inhibitors
- Autoclavable



PCR Tube

Cat.No.	Volume (mL)	/Pack	/Case
401001	0.2	1,000	10,000



PCR 8-strip Tubes, White

Cat.No.	Volume (mL)	/Pack	/Case
403112	0.1	125	1,250
403012	0.2	125	1,250



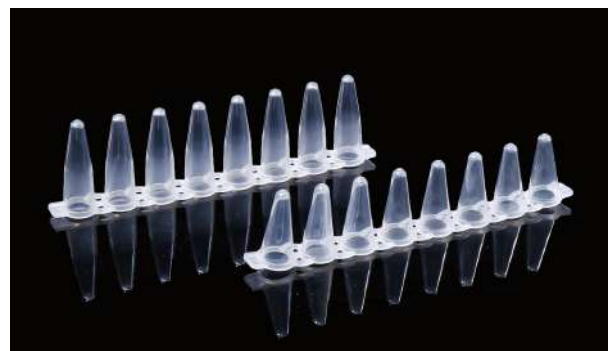
PCR 8-strip Tube Caps

Cat.No.	Cap Type	/Pack	/Case
406012	Flat	125	1,250



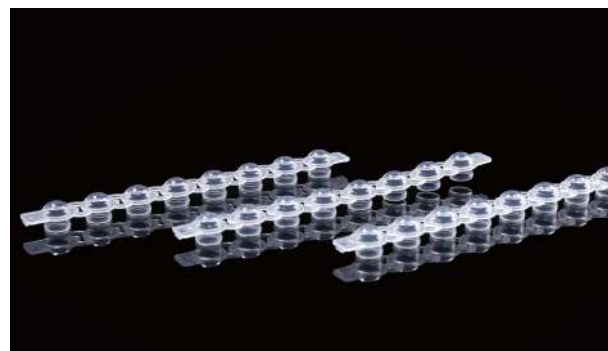
PCR 8-strip Tubes with Individual Caps Attached

Cat.No.	Volume (mL)	/Pack	/Case
404001	0.2	120	1,200



PCR 8-strip Tubes, Transparent

Cat.No.	Volume (mL)	/Pack	/Case
403102	0.1	125	1,250
403002	0.2	125	1,250



PCR 8-strip Tube Caps

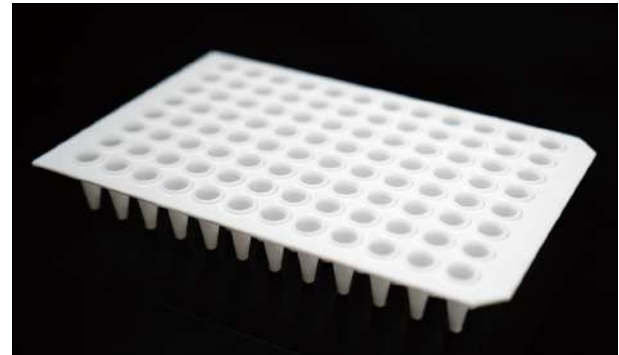
Cat.No.	Cap Type	/Pack	/Case
406112	Domed	125	1,250

Feature

- Made from high quality polypropylene to ensure the minimal loss of reaction solution.
- Flat surface, thick and solid, not easy to deform
- Elevated edge of the hole can better prevent cross contamination
- Compatible with NEST pressure sensitive film, self-adhesive film and hot sealing film
- Autoclavable



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402712	0.1	Semi Skirt	H12	10	50



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402812	0.1	No Skirt	A12/H12	10	50



Cat.No.	Volume (uL)	Skirt Type	Cut Position	/Pack	/Case
409013	40	Semi Skirt	A24/P24	10	50

PCR Adaptation Table

Brand	Instrument Model	Cat.No.		
		402712	402812	409013
Roche	lightcycler 480	402712		
	lightcycler 480 II	402712		409013
	lightcycler 96	402712		
	lightcycler nano		402812	



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402201	0.2	No Skirt	H12	25	100

- Elevated wells plate is designed to reduce the risk of cross contamination.
- Easy to open.



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402501	0.1	Full Skirt	H1	25	100

- Stronger construction and more space for labeling.

PCR Plates

PCR Plates Without Skirt

The low profile design minimized the condensate contamination and evaporation of reaction solution.

PCR Plates With Skirt

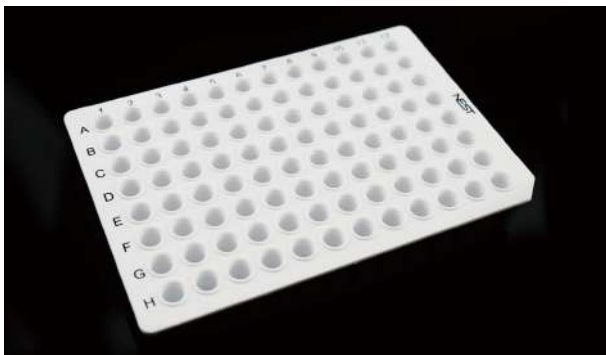
Stronger construction and more space for labeling.



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402101	0.1	No Skirt	H12	25	100



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402001	0.2	No Skirt	H1	25	100



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402111	0.1	No Skirt	H12	25	100



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402011	0.2	No Skirt	H1	25	100



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402401	0.1	Semi Skirt	A1	25	100



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402301	0.2	Semi Skirt	A12	25	100

Compatible with ABI machine

PCR Plates



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402601	0.2	Semi Skirt	A12	25	100

Compatible with ABI machine



Cat.No.	Volume (mL)	Skirt Type	Cut Position	/Pack	/Case
402411	0.1	Semi Skirt	A1	25	100

PCR Rack

Feature

- Fir for all NEST PCR products
- Stackable
- Autoclavable

Cat.No.	Specification	/Pack	/Case
407001	8*12, One Rack & One Lid	1	25
407101	8*12, Five Racks & One Lid	5	25



PCR Sealing Film & Scraper



Cat.No.	Size (mm)	/Pack
411001	70*78	1



Cat.No.	Specification	/Pack	/Case
410001	Standard Sealing Film, -20°C To 110°C	100	500
410011	Advanced Sealing Film, -70°C To 100°C	100	500

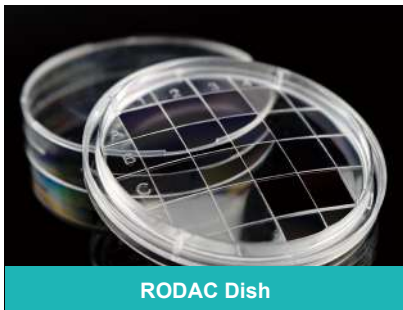
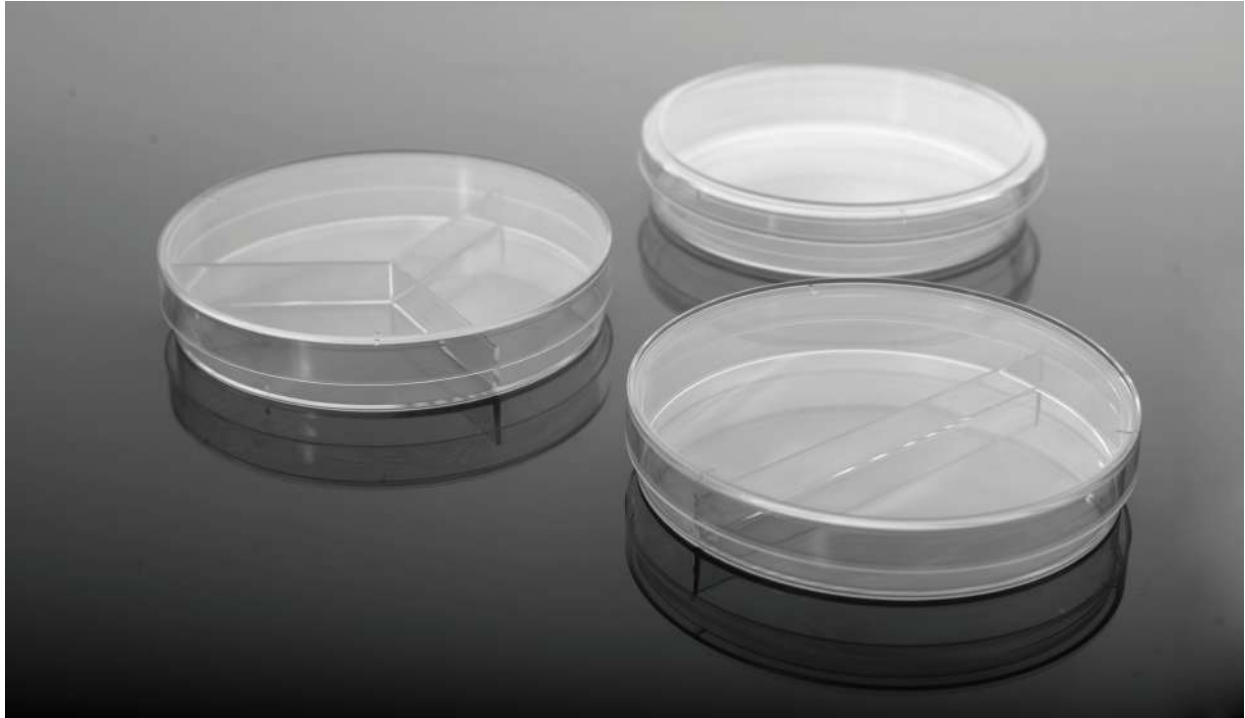
Brand	Instrument Model	PCR Tube				PCR Plate							
		401001	403002/404001	401001	403002/404001	402001	402301	402401	402101	402601	402812		
Applied Biosystems®	2720	401001	403002/404001	401001	403002/404001	402001	402301				402601		
	9600	401001	403002/404001	401001	403002/404001	402001	402301				402601		
	9700	401001	403002/404001			402001	402301				402601		
	9800Fast				403102				402401	402101			
	Veriti/Fast				403102	402001	402301		402401	402101		402601	
	7000	401001	403002/404001			402001	402301					402601	
	7300	401001	403002/404001			402001	402301					402601	
	7500/Fast	401001	403002/404001	403102	403102	402001	402301		402401	402101		402601	
	7700	401001	403002/404001			402001	402301					402601	
	7900HT/Fast	401001	403002/404001	403102	403102	402001	402301		402401	402101		402601	
	StepOne				403102				402401	402101	402812		
	StepOnePlus				403102				402401	402101	402812		
	ProflexPCRSytem	401001	403002/404001			402001	402301					402601	
	QuantStudio 12K	401001	403002/404001			402001	402301					402601	
	ViiA7/Fast	401001	403002/404001	403102	403102	402001	402301		402401	402101		402601	
	3100					402001	402301					402601	
	3130					402001	402301					402601	
3700					402001	402301					402601		
3730/3730x					402001	402301					402601		
Eppendorf®	Mastercycler®	401001	403002/404001			402001	402301	402501					
	Mastercycler® ep realplex	401001	403002/404001			402001	402301	402501					
	Mastercycler ep	401001	403002/404001			402001	402301	402501					
	Mastercycler nexus	401001	403002/404001			402001	402301	402501					
	Mastercycler nexus eco	401001	403002/404001			402001	402301	402501					
	Mastercycler nexus flat	401001											
	Mastercycler nexus flat ec	401001	403002/404001										
	Mastercycler nexus gradie	401001	403002/404001			402001	402301	402501					
	Mastercycler nexus gradie	401001	403002/404001			402001	402301	402501					
	Mastercycler nexus GSX1	401001	403002/404001			402001	402301	402501					
	Mastercycler nexus GSX1	401001	403002/404001			402001	402301	402501					
	Mastercycler nexus SX1	401001	403002/404001			402001	402301	402501					
	Mastercycler nexus SX1e	401001	403002/404001			402001	402301	402501					
	Mastercycler pro/S	401001	403002/404001			402001	402301	402501					
	Mx3000®					402001	402301						
	Stratagene	Mx3000P®	401001	403002/404001			402001	402301					
		Mx3005®	401001	403002/404001			402001	402301					
Mx4000®		401001	403002/404001			402001	402301						
SureCycler®8800		401001	403002/404001	403102	403102	402001	402301	402501	402401				
Agilent	ARIA MX G8830A										402812		
	Opticon2				403102			402501		402101	402812		
Qiagen®	Flexigene®	401001	403002/404001			402001	402301	402501					
	Rotor-Gene® Q	401001											

Brand	Instrument Model	PCR Tube		PCR Plate				
Biorad® / MJ Research®	C1000™ Touch™	401001	403002/404001	402001	402301	402501		
	DNA Engine Dyad®/Dyad	401001	403002/404001	402001	402301	402501		
	Engine Tetrad®2	401001	403002/404001	402001	402301	402501		
	MyCycler™	401001	403002/404001	402001	402301	402501		
	PTC-100®	401001	403002/404001	402001	402301	402501		
	PTC-200	401001	403002/404001	402001	402301	402501		
	PTC-225 Tetrad	401001	403002/404001	402001	402301	402501		
	S1000™	401001	403002/404001	402001	402301	402501		
	T100™	401001	403002/404001	402001	402301	402501		
	CFX Connect™	401001	403002/404001	403102	402301	402501	402101	
	CFX96™ Touch/CFX96	401001	403002/404001	403102	402301	402501	402101	402812
	Chromo4™	401001	403002/404001		402301	402501		
	DNA Engine Opticon®2	401001	403002/404001		402301	402501		
	iCycler	401001	403002/404001		402301	402501		
	iQ™5	401001	403002/404001		402301	402501		
	MiniOpticon™	401001	403002/404001		402301	402501		
	MyiQ™	401001	403002/404001	403102	402301	402501		
	Opticon					402501		402101
	miniOpticon™							
	BaseStation™				402301	402501		
	MJ research option						402812	
Analytik Jena / Biometra	FlexCycler	401001	403002/404001	403102	402301	402501		402101
	T1 Thermal Cycler	401001	403002/404001	403102	402301	402501		402101
	TGradient	401001	403002/404001	403102	402301	402501		402101
	Tpersonal	401001	403002/404001	403102	402301	402501		402101
	TProfessional/Basic	401001	403002/404001	403102	402301	402501		402101
	TProfessional/Standard	401001	403002/404001	403102	402301	402501		402101
	TProfessional/TIRO	401001	403002/404001	403102	402301	402501		402101
	TRobot	401001	403002/404001	403102	402301	402501		402101
	Uno	401001	403002/404001	403102	402301	402501		402101
	Uno II	401001	403002/404001	403102	402301	402501		402101
	q TOWER	401001	403002/404001		402301	402501		
	SpeedCycler²	401001	403002/404001		402301	402501		
	TOptical	401001	403002/404001		402301	402501		
	Multiblock System	401001	403002/404001		402301	402501		402101
	T1 Thermal Cycler	401001	403002/404001		402301	402501		402101
Omn-E	401001	403002/404001		402301	402501		402101	
Omnigene	401001	403002/404001		402301	402501		402101	
PCR Express	401001	403002/404001		402301	402501		402101	
PCR Sprint	401001	403002/404001		402301	402501		402101	
Px2	401001	403002/404001		402301	402501		402101	
PxE	401001	403002/404001		402301	402501		402101	
Touchdown	401001	403002/404001		402301	402501		402101	
3Prime	401001	403002/404001		402301	402501		402101	

Brand	Instrument Model	PCR Tube		PCR Plate					
Techne®	3PrimeG	401001	403002/404001						
	3PrimeX	401001	403002/404001						
	Cyclogene™	401001	403002/404001		402001	402301	402501		
	Flexigene™	401001	403002/404001		402001	402301	402501		
	Genus	401001	403002/404001		402001	402301	402501		
	Genus Quad	401001	403002/404001		402001	402301	402501		
	Genus(TC412)	401001	403002/404001		402001	402301	402501	402101	
	Prime	401001	403002/404001		402001	402301	402501		
	Prime Elite	401001	403002/404001		402001	402301	402501		
	Prime Elite Satellite	401001	403002/404001		402001	402301	402501		
	PrimeG	401001	403002/404001		402001	402301	402501		
	Touchgene®Gradient(TC5)	401001	403002/404001	403102	402001	402301	402501	402101	
	Touchgene®X	401001	403002/404001	403102	402001	402301	402501	402101	
	PrimeQ	401001	403002/404001		402001	402301	402501		
	Quantica®	401001	403002/404001		402001	402301	402501		
	Deltacycler I	401001	403002/404001		402001	402301		402101	
	Single Block	401001	403002/404001		402001	402301		402101	
	Twin Block	401001	403002/404001		402001	402301		402101	
	Primus 96	401001	403002/404001	403102	402001	402301	402501	402101	
	peqSTAR 96	401001	403002/404001		402001	402301	402501		
SensoQuest	401001	403002/404001		402001	402301	402501			
Stratagene	401001	403002/404001		402001	402301	402501			
TaKaRa®	TP240	401001	403002/404001		402001	402301	402501		
	TP3000	401001	403002/404001	403102	402001	402301	402501	402101	
Amersham®	MegaBACE®500					402301	402501		
GE®	MegaBACE1000					402301	402501	402201	
Beckman Coul	CEQ™					402301			
Transgenomic	WAVE®System					402301	402501		
天隆	TL988-IV							402812	
Biorad® / MJ Research®	C1000™ Touch™	401001	403002/404001		402001	402301	402501		
	DNA Engine Dyad®/Dyad	401001	403002/404001		402001	402301	402501		
	Engine Tetrad®2	401001	403002/404001		402001	402301	402501		
	MyCycler™	401001	403002/404001		402001	402301	402501		
	PTC-100®	401001	403002/404001		402001	402301	402501		
	PTC-200	401001	403002/404001		402001	402301	402501		
	PTC-225 Tetrad	401001	403002/404001		402001	402301	402501		
	S1000™	401001	403002/404001		402001	402301	402501		
	T100™	401001	403002/404001		402001	402301	402501		
	CFX Connect™	401001	403002/404001	403102	402001	402301	402501	402101	
	CFX96™ Touch	401001	403002/404001	403102	402001	402301	402501	402101	
	Chromo4™	401001	403002/404001		402001	402301	402501		
	DNA Engine Opticon®2	401001	403002/404001		402001	402301	402501		
	iCycler	401001	403002/404001		402001	402301	402501		
	iQ™5	401001	403002/404001		402001	402301	402501		
	MiniOpticon™	401001	403002/404001		402001	402301	402501		

Brand	Instrument Model	PCR Tube		PCR Plate					
	MyIQ™	401001	403002/404001		402001	402301	402501		
	Opticon			403102			402501		402101
	BaseStation™					402301	402501		
	Opticon2			403102			402501		402101
	FlexCycler	401001	403002/404001	403102	402001	402301	402501		402101
	T1 Thermal Cycler	401001	403002/404001	403102	402001	402301	402501		402101
	TGradient	401001	403002/404001	403102	402001	402301	402501		402101
	Tpersonal	401001	403002/404001	403102	402001	402301	402501		402101
	TProfessional/Basic	401001	403002/404001	403102	402001	402301	402501		402101
	TProfessional/Standard	401001	403002/404001	403102	402001	402301	402501		402101
	TProfessional/TIRO	401001	403002/404001	403102	402001	402301	402501		402101
	TRobot	401001	403002/404001	403102	402001	402301	402501		402101
	Uno	401001	403002/404001	403102	402001	402301	402501		402101
	Uno II	401001	403002/404001	403102	402001	402301	402501		402101
	q.TOWER	401001	403002/404001		402001	402301	402501		
	SpeedCycler ²	401001	403002/404001		402001	402301	402501		
	TOptical	401001	403002/404001		402001	402301	402501		
	Multiblock System	401001	403002/404001		402001	402301	402501		402101
	T1 Thermal Cycler	401001	403002/404001		402001	402301	402501		402101
	Omn-E	401001	403002/404001		402001	402301	402501		402101
	Omnigene	401001	403002/404001		402001	402301	402501		402101
	PCR Express	401001	403002/404001		402001	402301	402501		402101
	PCR Sprint	401001	403002/404001						
	Px2	401001	403002/404001		402001	402301	402501		402101
	PxE	401001	403002/404001		402001	402301	402501		402101
	Touchdown	401001	403002/404001		402001	402301	402501		402101
	3Prime	401001	403002/404001						
	3PrimeG	401001	403002/404001						
	3PrimeX	401001	403002/404001						
	Cyclogene™	401001	403002/404001		402001	402301	402501		
	Flexigene™	401001	403002/404001		402001	402301	402501		
	Genius	401001	403002/404001		402001	402301	402501		
	Genius Quad	401001	403002/404001		402001	402301	402501		
	Genius(TC412)	401001	403002/404001		402001	402301	402501		402101
	Prime	401001	403002/404001		402001	402301	402501		
	Prime Elite	401001	403002/404001		402001	402301	402501		
	Prime Elite Satellite	401001	403002/404001		402001	402301	402501		
	PrimeG	401001	403002/404001		402001	402301	402501		
	Touchgene®Gradient(TC412)	401001	403002/404001	403102	402001	402301	402501		402101
	Touchgene®X	401001	403002/404001	403102	402001	402301	402501		402101
	PrimeQ	401001	403002/404001		402001	402301	402501		
	Quantica®	401001	403002/404001		402001	402301	402501		

Petri Dishes



RODAC Dish



- Sterilized by E-Beam, SAL=10⁻⁶

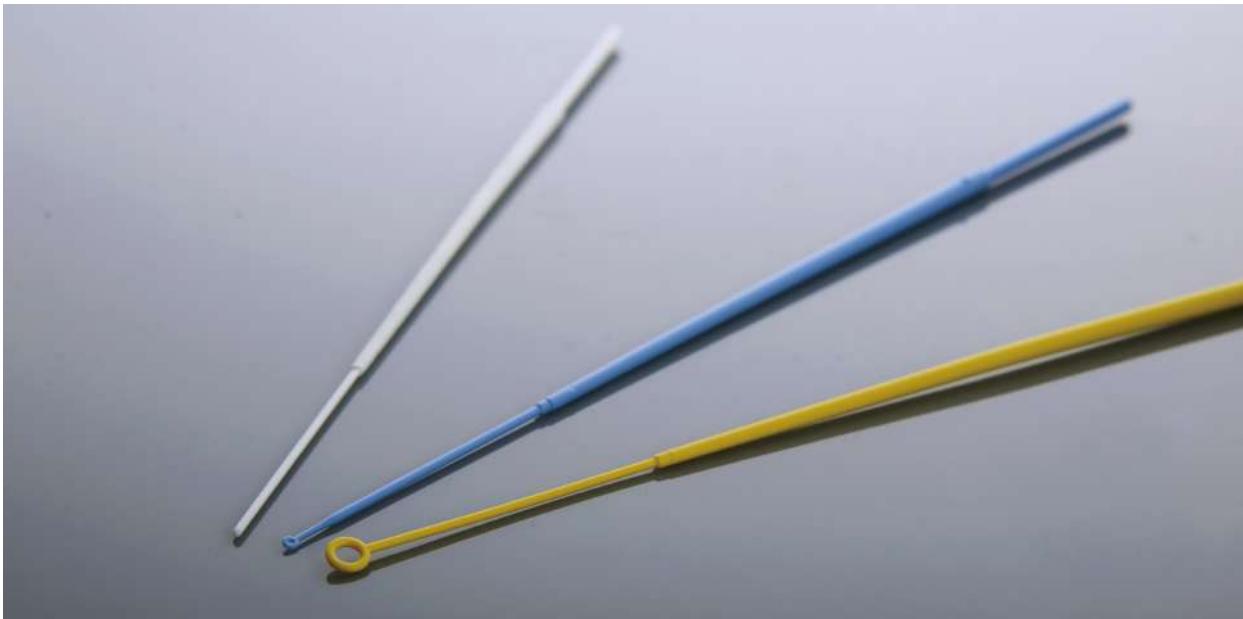
Cat.No.	Spec(mm)		Volume (mL)	/Pack	/Case
	Diameter	Height			
706011	35	12	5	20	500
754001	60	15	15	20	500
752001(US: 753001)	90	15	40	20	500
752002	90	15	40 (Double Packaged)	20	500
752004	90	15	40	10	500
752003	90	15	40	5	500
752011(US:753011)	90	15	20 x 2 Compartments	20	500
752021(US: 753021)	90	15	13 x 3 Compartments	20	500
752031(US: 753031)	90	15	10 x 4 Compartments	20	500
752401	100	20	40	20	300
715011	150	15	60	10	100
755001	150	25	/	5	100
722011(RODAC)	65	15	13-15	20	500

L-Spreader



Cat.No.	Name	Color	/Pack	/Case
711001	L-Spreader	Blue	200	2,000

Innoculating Needles / Loops



Feature

- Sterilized by Ethylene Oxide
- Easy-tear individual packaging

Cat.No.	Volume (μL)	Name	Color	/Pack	/Case
716001	/	Inoculating Needle	White	400	4,000
717101	1	Inoculating Loop	Blue	400	4,000
718201	10	Inoculating Loop	Yellow	400	4,000

Sample Vials



External Thread, with Sealing Ring



External Thread, Hinged Cap with Sealing Ring

Cat.No.	Volume (mL)	Description	Color	Packaging	
				/Pack	/Case
633001	0.5	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Blue	50	2,000
633101	0.5	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Red	50	2,000
633201	0.5	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Yellow	50	2,000
633301	0.5	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Purple	50	2,000
634001	1.5	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Blue	50	2,000
634002	1.5	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Red	50	2,000
634201	1.5	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Yellow	50	2,000
634301	1.5	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Purple	50	2,000
635001	2.0	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Blue	50	2,000
635101	2.0	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Red	50	2,000
635201	2.0	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Yellow	50	2,000
635301	2.0	Self-Standing Vials, External Thread, with Sealing Ring, Sterile	Purple	50	2,000
634021	1.5	Conical Vials, External Thread, with Sealing Ring, Sterile	Blue	50	2,000
634121	1.5	Conical Vials, External Thread, with Sealing Ring, Sterile	Red	50	2,000
634221	1.5	Conical Vials, External Thread, with Sealing Ring, Sterile	Yellow	50	2,000
634321	1.5	Conical Vials, External Thread, with Sealing Ring, Sterile	Purple	50	2,000
633011	0.5	Self-Standing Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Blue	50	2,000
633111	0.5	Self-Standing Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Red	50	2,000
633411	0.5	Self-Standing Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Natural	50	2,000
633511	0.5	Self-Standing Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Green	50	2,000
634011	1.5	Self-Standing Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Blue	50	2,000
634112	1.5	Self-Standing Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Red	50	2,000
634411	1.5	Self-Standing Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Natural	50	2,000
634511	1.5	Self-Standing Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Green	50	2,000
634031	1.5	Conical Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Blue	50	2,000
634131	1.5	Conical Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Red	50	2,000
634431	1.5	Conical Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Natural	50	2,000
634531	1.5	Conical Vials, External Thread, Hinged Cap with Sealing Ring, Sterile	Green	50	2,000

Reagent Reservoirs



Cat.No.	Volume (mL)	/Pack	/Case
360002	60	5	25



Cat.No.	Channel Number	Sterile	Volume (mL)	/Pack	/Case
360101	8	NO	22	5	50
360102	12	NO	15	5	50
360103	96	NO	195	5	50
360104	384	NO	185	5	50

Tips: Customized sterilized product.

Square shape PET Media Bottles

Feature

Good stability of antichemical and is suitable for the sample collection and storage of all kinds of liquid granulation tests.

- Clear scale
- Sterilized by E-beam
- PET bottle with transparency equivalent to glass
- DNase-free, RNase-free, Non-pyrogenic

Cat.No.	Volume (mL)	Size(mm)		/Pack	/Case
		Bottleneck Diameter	Height		
333001	500	34	170	8	24
334001	1000	34	215	4	12



Round Storage Bottles

Feature

- DNase/RNase free, Sterilized by E-beam
- PP material are autoclavable at 121 °C
- These amber bottles are ideal for storing light-sensitive samples.

Cat.No.	Volume (mL)	Material	/Pack	/Case
335201	8	PP	20	400
336201	15	PP	20	400
337201	30	PP	10	200
338201	60	PP	10	200
339201	125	PP	10	100
340201	250	PP	10	100
341201	500	PP	5	50



PP

Feature

- DNase/RNase free, Sterilized by E-beam
- HDPE material can be used in freezer down to -80 °C

Cat.No.	Volume (mL)	Material	/Pack	/Case
335101	8	HDPE	20	400
336101	15	HDPE	20	400
337101	30	HDPE	10	200
338101	60	HDPE	10	200
339101	125	HDPE	10	100
340101	250	HDPE	10	100
341101	500	HDPE	5	50



HDPE

Examination Gloves



Nitrile Powder Free Examination Gloves



Latex Powder Free Examination Gloves



Feature

- Single use only, powder free
- Made in Malaysia
- Non-Sterile
- Tensile Strength: Minimum 18.0 MPa (Before Aging)
- Nitrile Powder Free Examination Gloves Palm thickness: 0.05 mm
- Latex Powder Free Examination Gloves Palm thickness: 0.11 mm

Nitrile powder free examination gloves

Cat.No.	Size	Palm Width (mm) ±4mm	Length (mm)	/Pack	/Case
902001	XS	76	Min 230mm (ASTM)	100	1,000
902011	S	86		100	1,000
902021	M	98		100	1,000
902031	L	107		100	1,000
902041	XL	115		90	900

Latex powder free examination gloves

Cat.No.	Size	Palm Width (mm) ±4mm	Length (mm)	/Pack	/Case
901001	XS	76	Min 230mm (ASTM)	100	1,000
901011	S	86		100	1,000
901021	M	98		100	1,000
901031	L	107		100	1,000

Nonwoven Masks



Cat.No.	Name	Size (±0.5cm)	Color	/Pack	/Case
922001	Three-layer PP Non-woven Lab Protection Mask	17.5 x 9	Blue	50	500
922101	Four-layer PP Activated Carbon Non-woven Lab Protection Mask	17.8 x 9.3	Dark Gray	50	500

Mushroom Caps



Cat. No.	Name	/Pack	/Case
921001	Blue Mushroom Cap	100	1,000

Disposable PP Non-woven Shoe covers



Cat. No.	Size(cm)	/Pack	/Case
923001	42 * 17	100	1,000

Disposable Sampler

Registration Certification of Class I Medical Devices
Registration No.: 20200014.



Product structure

- The product consists of a preservation tube and a swab.
- The preservation tube is made of medical-grade PP materials.
- The swab consists of a polypropylene fiber head and a plastic rod.

Product information

Cat.No.	Product structure	Specification	Shelf life
202001	An oral swab and a sample tube prefilled with preservation solution	2.0mL , 50 pcs/Box	One year (Packing Sound , Ambient Storage)

Applicable scope

- The product is intended for sample collection, transportation, storage, etc

Product characteristics

- Easy to operate and ready to use
- The preservation solution poses a function of inactivation
- Disposable.

Requirements for use environment

- Normal room temperature, the sample solution may be stored for 20 days after sampling.

Centrifuge

Feature

- Electronic locks. Centrifugation only when the lid is locked.
- The lid opens automatically after centrifugation.
- Fast Lifting Speed, The electronic brake
- Low Noise
- Capacitive touchpad, responsive.
- LCD display. Real-time display of speed, time and operating status.
- Centrifugal time and speed adjustable. Adjustable speed during centrifugation.
- Size: 260*220*150mm
- Voltage: 110-220V, 50-60HZ

Type	Name	Centrifuge Range (RPM)	Max RCF (g)	Rotor
102001	Universal Centrifuge	500-6,000	2,400	General Rotor (1.2/05/1.5/5.0ml)
102002	5 mL Centrifuge	500-6,000	2,400	For 5 mL Centrifuge Tubes
102101	High - Speed Centrifuge	500-12,000	8,800	For 1.5 mL & 2.0 mL Centrifuge Tubes



General Rotor

5 mL Centrifuge

High - Speed Centrifuge

Mini Dry Bath

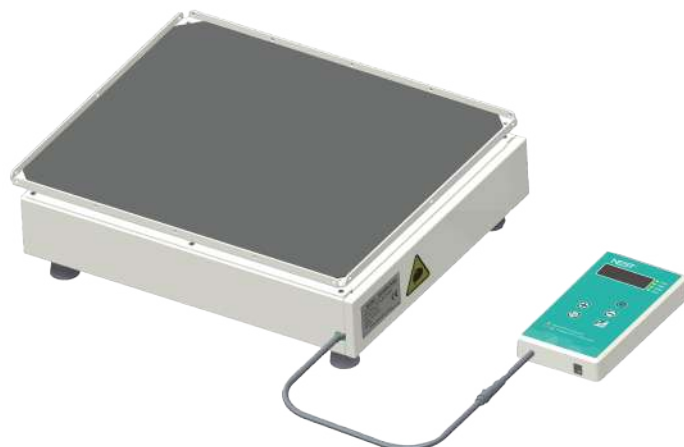
Feature

- Manual mode & automatic mode.
- Fast heating, with overheat protection switch to prevent overheating.
- Display setting parameters and real-time parameters simultaneously, easy to observe and use.

Range of Application	0.2/0.5/1.5/2.0ml Centrifuge tube
Temperature Range	Indoor temperature-100 C
Timeset	1-999min or 1-999sec
Temperature control accuracy	±0.1 C
Temperature uniformity	±0.3 C
Heating up time	About 5min
Touch screen	Capacitive touch screen
Display	LCD
Voltage	100-220V, 50-60HZ
Size	157*115*100mm (L*W*H)
Weight	About 0.5kg



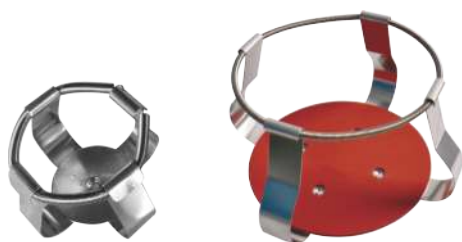
CO₂ Orbital Shaker



Feature

- Orbital shaking through magnetic power eliminates the need to replace belts;
- Small footprint ideal for use in a CO₂ incubator;
- Specially treated mechanical components protect up to 20% CO₂ and 95% humidity conditions;
- Convenient external control box with LED display allows for easy adjustments without opening the chamber door;
- Minimal heat dissipation assures conditions within the CO₂ chamber are not effected;
- CO₂ resistant shaker can be used outside of CO₂ incubator for maximum value.

Cat. No.	105008 (No Accessories) / 105009 (Contain Accessories)
Speed Range	30rpm~300rpm
Timer	0~99h59min (0,continuous)
Orbit Diameter	Φ19mm
Platform Dimensions	355mmx300mm
Max.Capacity	50mlx30 / 100mlx15 / 150mlx15 / 200mlx15 / 250mlx15 500mlx9 / 1000mlx6 / 2000mlx4 / 3000mlx2 / 5000mlx1
Display	LED
Max.Load	6kg
Ambient	Temp.: 5 ~ 60 Humidity: <99%RH
Outside Dimensions(WxDxH)	Machine Body: 360 x 300 x 96mm Control Box: 360 x 105 x 75mm The Unit: 360 x 405 x 96mm
Power	30W
Power Supply	AC100~240V, 50Hz/60Hz
Weight	Machine Body :17.5kg Control box: 1kg
Accessories List ▲	100ml Flask Clamp * 2 250ml Flask Clamp * 4 500ml Flask Clamp * 4 1000ml Flask Clamp * 2 2000ml Flask Clamp * 2 Aluminum Platform * 1 Tips: Only cat. No. 105009 contain these accessories.



Flask Clamp



Aluminum Platform

Flask clamp feature

Made of polished stainless steel sheet. They can be fixed on any platform of all models of incubator shakers.

Cat.No.	Name
105901 ▲	100ml Flask Clamp * 2
	250ml Flask Clamp * 4
	500ml Flask Clamp * 4
	1000ml Flask Clamp * 2
	2000ml Flask Clamp * 2
	Aluminum Platform * 1
105902 ▲	100ml Flask Clamp
105903 ▲	250ml Flask Clamp
105904 ▲	500ml Flask Clamp
105905 ▲	1000ml Flask Clamp
105906 ▲	2000ml Flask Clamp
105907 ▲	Aluminum Platform 300mm*360mm

▲ Make To Order

Standard Mini Roller



Standard Mini Roller (6 Rollers)



Control Box

Standard Mini Roller (11 Rollers)

Feature

- Variable speed to accommodate numerous applications;
- Anti-corrosive and wear-resistant construction for use in humid and CO₂ environments.
- Remote control box makes it easy to operate the unit while it is in an incubator.

Product Name	Standard Mini Roller (11 Rollers)	Standard Mini Roller (6 Rollers)
Cat. No.	105007	105006
Included Accessory Standard In Packaging	Rollers: 11 O Ring (23.5x3.6mm): 20 O Ring (13.2x2.7mm): 20	Rollers: 6 O Ring (23.5x3.6mm): 20 O Ring (13.2x2.7mm): 20
Roller Speed	0.5~80rpm	0.5~80rpm
Operating Mode	Way Forward	Way forward
Roller Dimensions(DXL)	Φ28mmx259mm	φ28mmx259mm
Available Tubes or Bottles	Max. Ø120mm Bottles; Tubes	Max. Ø120mm bottles; tubes
Positions	Centrifuge Tubes Can Be Placed Randomly Or Three 1500ml Standard Bottles	Centrifuge tubes can be placed randomly or three 1500ml standard bottles
Max.Load	6.5kg	6.5kg
Ambient	5℃~60℃	5℃~60℃
Relative Humidity	≤95%	≤95%
Display	Led	LED
Timer (Control Box)	999min Or Continuous	/
Outside Dimensions(WxDxH)	378mmx360mmx72mm	378mmx360mmx72mm
Power	10w	10W
Power Supply	Ac100~240v,50/60hz	AC100~240V,50/60Hz
Weight	6.5kg	6.5kg

7° Digital Nutating Mixer

Feature

- The adjustable and gentle motion is ideal for many staining applications;
- Includes a large platform and non-slip mat;
- Low voltage power supply provides safe cold room operation and low energy consumption;
- Continuous or timed operation with automatic switch-off;
- Continue to run by last set speed and the remaining time when the power recovered;
- Audible and visual alarm: In timed mode, alarm will sound 5 times and then the time window shows "End" and flicker 5 times when the time reaches zero.

Cat. No.	105005
Speed	2~80rpm
Speed Accuracy	1rpm
Tilt Angle	7°
Timer	0~99h59min
Platform Dimensions	307x297mm
Max. Load	0.8kg
Display	LED
Included Accessory Standard in Packaging	6 Rubber Strips
Ambient Temperature	5~40 C
Relative Humidity	≤80%
Power Supply	AC100~240V, 50 / 60Hz
Max. Power	6.5W
Dimensions	440(L)x296(W)x189(H)mm
Net Weight	7.3kg
Protection Level	IP21



Rubber Strip

Mini Vortex Mixer

Feature

- Extremely compact and easy operation;
- Powerful vortexing for tubes up to 30mm;
- Head is made of durable material to ensure long life;
- Refined steel base is designed to ensure product stability.

Cat. No.	105003
Oscillation Mode	Circumference Oscillation
Orbital Diameter	Φ4.5mm
Max. Capacity	80mL
Max. Tube Diameter	Φ30mm
Speed	3000rpm
IP rating (DIN EN 60529)	IP40
Ambient Temp.	5~40 C
Outside Dimensions	Φ96xH85mm
Power	5W
Power Supply	AC100~240V,50/60Hz
Weight	0.55kg



Variable Speed Tube Revolver With Digital Display



Rotisserie Paddles
For 10ml/15ml Tubes



Rotisserie Paddles
For 1.5ml/2ml Tubes



Rotisserie Paddles
For 5ml/7ml Tubes



Rotisserie Paddles
For 0.5ml/0.8ml Tubes

Feature

- Small footprint, "Plug and Play" operation;
- Includes five different interchangeable rotisseries;
- Rotation direction can be changed by slightly touching the rotisseries;
- Paddle angle is adjustable for different mixing purposes;
- High quality, maintenance-free motor with quiet operation.



Rotisserie Paddles
For 50ml Tubes

Cat. No.	105004
Rotation Speed	10~40rpm
Capacity	84x0.5ml tubes, 60x1.5ml/2.0ml tubes, 28x5ml/7ml tubes, 24x10ml tubes, 6x50ml tubes
Holder for Tubes Standard Configuration	Rotisserie Paddles for 10ml/15ml Tubes 2pcs Rotisserie Paddles for 5ml/7ml Tubes 2pcs Rotisserie Paddles for 1.5ml/2ml Tubes 2pcs Rotisserie Paddles for 0.5ml/0.8ml Tubes 2pcs Rotisserie Paddles for 50ml Tubes 1pcs
Ambient	4~60 C
Outside Dimensions	260(W)x148(D)x195mm(H)
Power	10W
Power Supply	AC100V~240V 50Hz/60Hz
Weight	1kg



Function

- Sample database management: storage and delivery.
- Information management: Information research, modification, export, operation record display.
- Sample settings: sample of individual vial and entire box of vials settings.
- Database settings: data import and export
- User management: account permission settings.

Application

Due to the global information, big data, biobank and precision medicine are recognized by all countries. In the future, the samples to be stored will increase geometrically. Therefore, the safe storage and efficient management become urgent for general users. NEST Biobank system could help users to manage sample date efficiently. It can be applied to human medical sample bank, animal sample bank, plant sample bank and natural resource sample bank.

Cat.No.	Name	Outside Dimensions	Weight	Application	Power
S-Biol	Biobank system for 2D barcode scanner	/	/	NEST 2D Barcode Cryogenic Vials	220v
M-Biol	Biobank system for 2D barcode scanning instrument	240mm*265mm*245mm (W*D*H)	2.45kg		



ISO 9001



ISO 11137



ISO 13485

NEST[®]

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