



VIOLAMO

High-quality life science consumables provided by ASONE

Centrifuge tube

Microtube /
Cryovial tube / Flask

Micropipette / Pipette tip

Pipette reservoir

PCR tube / PCR plate

Microplates

Disposable cuvette

Consumable for CPC
(Cell Processing Center)

Cell culture related
products

Disposable pipette

Membrane filters **NEW**

Syringe filters **NEW**

Sampling consumable

Homogenization
related products

Safety protective
consumable /
Sterilization bags



Company Overview

Headquarters location 2-1-27 Edobori, Nishi-ku, Osaka 550-8527

Established June 1, 1962

Capital 5,075 million yen (end of March 2025)

President Takuji Iuchi

Number of employees 731 (as of the end of March 2025)
(consolidated)

Net sales(consolidated) 103,751 million yen (FYE 03/2025)

Business Sales of research equipment, nursing and elderly care products, and other scientific instruments

Website <https://www.as-1.co.jp>

Affiliates **AS ONE SHANGHAI CORPORATION**
(Business description: Sales of scientific instruments for research)

Nikko Hansen & Co., Ltd.
(Business: Manufacturing and sales of plastic containers)

Iuchi Logistics Co., Ltd.
(Business: Warehouse management and cargo handling)

AS ONE INTERNATIONAL INC. [USA]
(Business: North American product exports)

Tryumph21 Co., Ltd.
(Business: Online purchasing services)

CUSTOM CORPORATION
(Business: Manufacturing and sales of electronic measuring instruments)



Headquarters



AS ONE TV commercial

Like a lighthouse,
guides researchers.



EC × Logistics
(To the future)



EC × Logistics
(AXEL)



Overseas Bases

China

- AS ONE SHANGHAI CORPORATION
- Shenyang Branch
- Beijing Branch
- Beijing Logistics Center
- Shanghai Logistics Center
- Guangzhou Branch
- Suzhou Branch



AS ONE SHANGHAI CORPORATION

North America

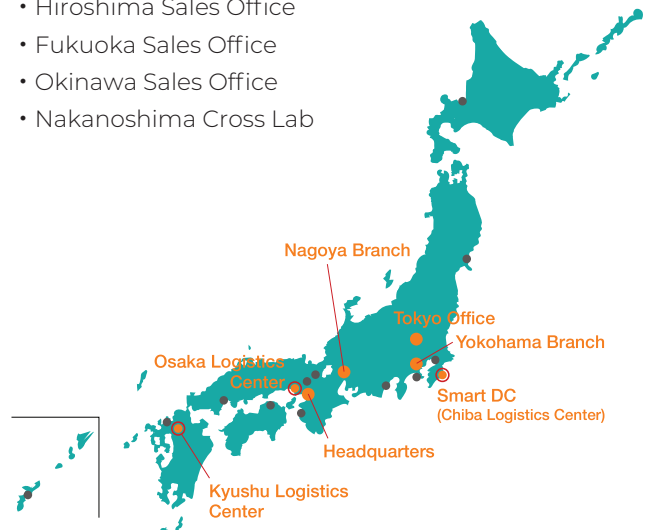
- AS ONE INTERNATIONAL, INC.



AS ONE INTERNATIONAL, INC.

Domestic Bases

- Sapporo Sales Office
- Sendai Sales Office
- Tonomachi Solution Research Laboratory
- Shizuoka Sales Office
- Kyoto Sales Office
- Wakayama CIC
- Takamatsu Sales Office
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- Nakanoshima Cross Lab
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- Nikko Hansen & Co., Ltd.



Life Science Products

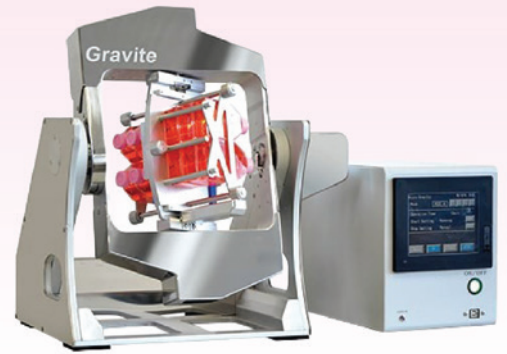
Linacyte

Gene transfer can be performed by irradiating plasma to induce endocytosis in cells.



Gravite

A simulated microgravity environment is achieved by rotating the sample 360° around a pair of orthogonal axes to distribute the gravity vector in all directions.



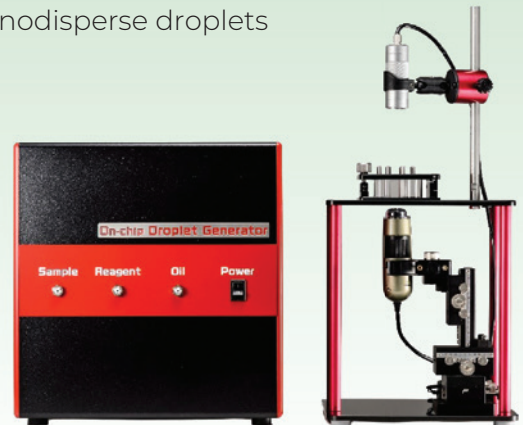
On-Chip Droplet Selector

Emulsion droplet sorting and dispensing



On-Chip Droplet Generator

Easy generation of stable and monodisperse droplets



On-Chip Sort

The world's first microfluidic cell sorter for sorting cells and droplets.



Cell Biology

Device for cell analysis and single-cell picking system

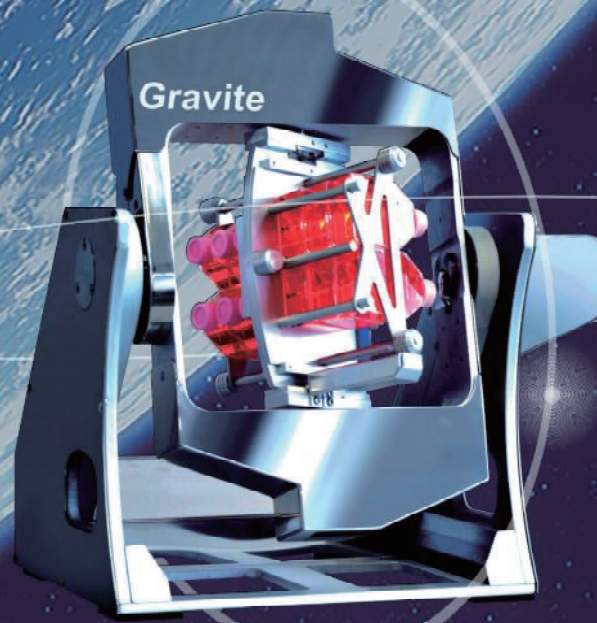


※ Feel free to contact your AS ONE sales representative for details.

Life Science Department E-mail: BIO@so.as-1.co.jp

Gravity controller **Gravite**®

NASA Kennedy Space Center introduced a gravity controller "Gravite"® for simulated microgravity device.



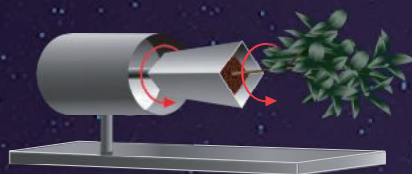
GET THE UNIVERSE IN YOUR LAB.!!

Regenerative medicine, Space biology, Drug discovery, etc.

Gravity Control Device Tools of Research and Development

The later of 19 century, developing "clinostat" originated from the research of gravitonic response of plants. This first "clinostat" was a rotating machine to rotate sample using one horizontal rotation axis to the ground (1D-clinostat) to inhibit unidirectional gravitational force loading.

Our Gravity Controller "Gravite"® is one of the 3D-clinostat. Gravite® is a multi-directional gravity device for simulating microgravity. By controlled rotation of two axes, a 3D-clinostat minimizes the cumulative gravity vector at the center of the device and makes 10^{-3} G over time average. Moreover, Gravite® creates not only simulated microgravity environment as well as ISS but also hyper-gravity environment of 2-3G by centrifugal force from one axis rotation.



SPACE BIO LABORATORIES

since2005 www.spacebio-lab.com

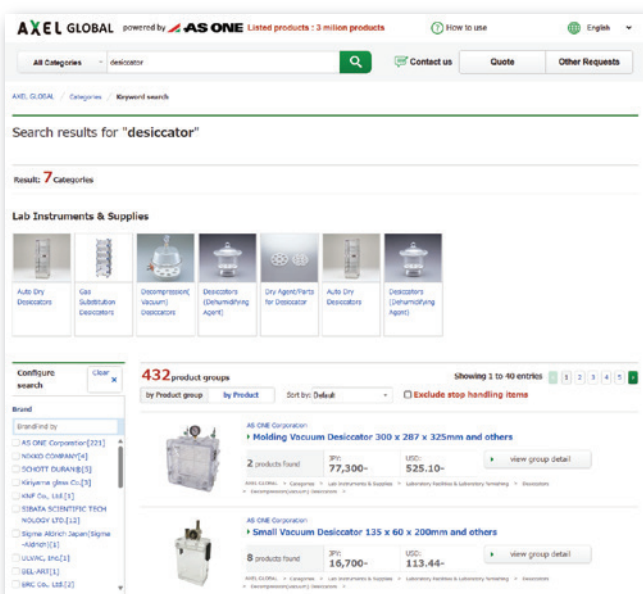
Space Bio-Laboratories Co.,Ltd.

1-2-3 Kasumi, Minami-ku, Hiroshima 734-8551, Japan.
Hiroshima University Kasumi Biomedical Research
Building #210, TEL+81-82-257-1501

E-mail contact@spacebio-lab.com

AXEL GLOBAL WEBSITE

'AXEL_GLOBAL' you can see more than 2,600,000 items including laboratory equipment and industry supplies of Japan.



Search result page

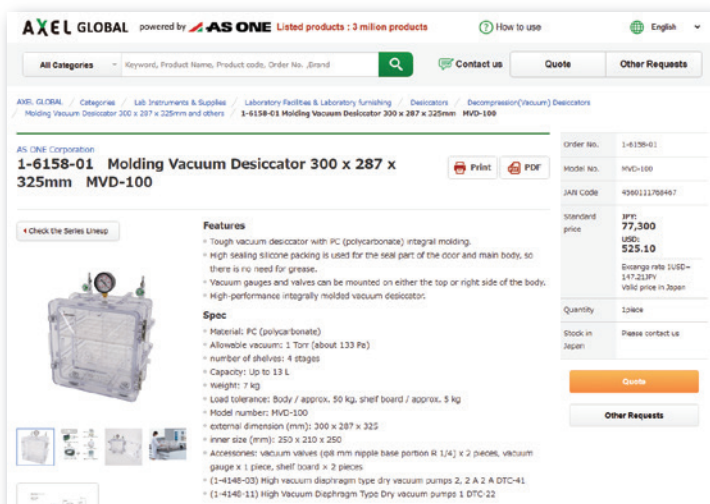
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And keyword search and refine search by manufacturer's name, product specification and so on are available on the screen.

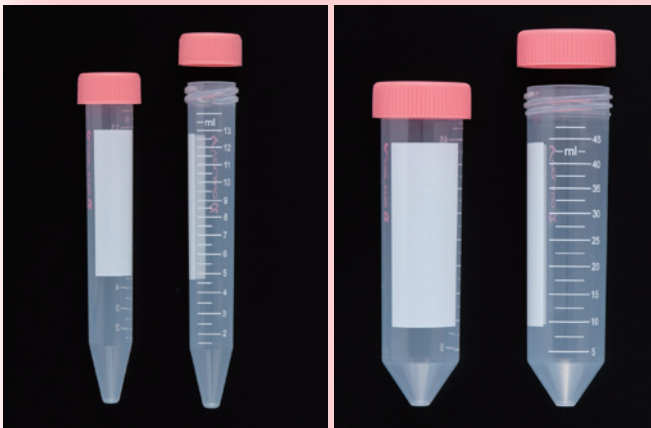


Product detail page

AS ONE CORPORATION

AS ONE Corporation is a general trading company in the research field, industrial field, medical field. In the research field, we have the largest share in Japan in dealing with science and engineering related products.

Best-selling Violamo centrifuge tube series



**Maximum RCF:
20,000xg.**



Violamo Centrifuge Tube



Order No.	Model No.	Capacity(mL)	Quantity
4-3632-01	VIO-15Bα	15(Bulk pack)	1box(50 pcs x 8bags)
4-3632-02	VIO-50Bα	50(Bulk pack)	1box(20 pcs x 10bags)

Feature

- High durability specification with maximum centrifugal strength of 20,000 G.
- It has excellent heat and cold resistance, so you can use autoclave and deep freeze.
- It comes with an easy-to-read white scale.

Specification

- Material: Body/PP, Cap/HDPE
- Centrifugal strength: 20,000 G
- DNase/RNase/DNA/pyrogen-free
- Size(mm): φ17x118 (15mL)
φ30x114 (50mL)
- Heat-resistant temperature(°C): -80 to + 121
- Gamma-ray sterilized

Convenient for centrifuging large volumes of samples



Violamo Big Conical



Order No.	Model No.	Capacity(mL)	Quantity
2-919-01	VIO-225	225	1box(48 pcs)
2-919-03	VIO-250	250	
2-919-02	VIO-500	500	1box(36 pcs)

Feature

- It is suitable for centrifugation and temporary storage of large volume samples.
- 121°C autoclave is possible.

Specification

- Material: Body/PP, Cap/PE
- Gamma-ray sterilized
- Centrifugal Force(G): 6000 (VIO-500)
7500 (VIO-225, VIO-250)
- DNase/RNase/pyrogen-free



New release of 50ml self-standing type



50mL (self-standing)

Rack pack 15mL

Rack pack 50mL



25ml

With Adaptor



Violamo Centrifuge Tube II



Order No.	Model No.	Capacity(ml)	Quantity
1-3500-24	VIO-15BN	15 (Bulk packing)	1bag (50 pcs)
1-3500-21			1box(50 pcs x 8bags)
1-3500-25			1bag (20 pcs)
1-3500-22	VIO-50BN	50 (Bulk packing)	1bag (20 pcs)
N 1-3500-35			1box(20 pcs x 10bags)
1-3500-33	VIO-50BS (Self-Standing)	15	1bag (50 pcs)
1-3500-31	VIO-15RN	15 (Rack packing)	1box(50 pcs x 8bags)
1-3500-34	VIO-50RN	50 (Rack packing)	1bag (18 pcs)
1-3500-32			1box(18 pcs x 8bags)



Violamo Centrifuge Tube



Order No.	Model No.	Capacity(ml)	Quantity
4-792-03	VIO-25B	25 (Bulk packing)	1bag (20 pcs)
4-792-01			1box(20 pcs x 10bags)
4-792-11	Adaptor for VIO-25B		1 pc

*A centrifuge adaptor is required when performing centrifugation.

Feature

- High durability specification with maximum centrifugal strength of 20,000G.
- The screw cap, which securely closes at a small number of revolutions, has excellent sealing properties and operability.
- It has excellent heat and cold resistance, so you can use autoclave and deep freeze.

Specification

- Material : Body/PP, Cap/HDPE
- Centrifugal strength: 4000G (25ml/50ml self-standing), 20000G(15/50ml)
- DNase, RNase, DNA, pyrogen free
- Size(mm) : $\phi 30 \times 75$ (25ml), $\phi 17 \times 118$ (15ml), $\phi 30 \times 114$ (50ml)
- No toxicity: confirmed in cytotoxicity test (colony formation inhibition test) (IC 50 > 100)
- Heat-resistant temperature: 80 to +121°C
- Electron beam sterilized

Makes the conical bottom stand on its own.



Violamo self-standing Adapter

Order No.	Model No.	Quantity
1-2251-01	for 15ml	1bag(10 pcs)
1-2251-02	for 50ml	

Feature

- Can be moved and handled with the centrifuge tube attached.
- The adaptor can be easily removed during centrifugation operation.

Specification

- Material: LDPE (low density polyethylene)

Easy to observe



Violamo Centrifuge Tube Tray

Order No.	Model No.	Color	Size(mm)	Storage capacity
1-2250-01	for 15ml	Black	180x49x124	6 pcs
1-2250-03		White		
1-2250-02	for 50ml	Black	264x65x124	
1-2250-04		White		

Feature

- The lack of luster in both black and white makes it easy to observe the contents and determine the color.
- Has excellent acid and chemical resistance.

Specification

- Material: PVC (polyvinyl chloride resin)



Violamo Microtube

Order No.	Capacity(ml)	Spec	Shape	Quantity
1-1600-01	1.5	Non-Sterilization	Flat bottom	1bag(1000 pcs)
1-1600-02	2.0		Round bottom	
1-1600-03	1.5	Sterilization	Flat bottom	1box(50 pcs x 5bags)
1-1600-04	2.0		Round bottom	

Feature

- Uses resin material (virgin polypropylene made in Japan) that is resistant to discoloration and deterioration by autoclaving.
- Can be written on the side of the main body and the top surface of the cap.

Specification

- Material: PP (virgin polypropylene)
- Distal strength strength: 20000 G
- Scale: 0.1, 0.5, 1.0, and 1.5 ml(1.5ml)
0.5, 1.0, 1.5, and 2.0 ml(2.0ml)
- Total length(mm) (Not included in Lid): 38.6 (1.5ml) / 39.8 (2.0ml)
- Outer Diameter (mm): approx. 10.8
- DNase / RNase DNA free
- Autoclave possible

Suitable for cryopreservation and bead grinding.



Violamo Screw Cap Tube

Order No.	Model No.	Capacity(ml)	Type
1-2959-01	S-1.5	1.5	Self-Standing
1-2959-02	S-1.5L		Self-Standing / Cap with Loop
1-2959-03	C-1.5		Conical Bottom
1-2959-04	C-1.5L		Conical Bottom / Cap with Loop
1-2960-01	S-2.0	2	Self-Standing
1-2960-02	S-2.0L		Self-Standing / Cap with Loop
1-2960-03	C-2.0		Conical Bottom
1-2960-04	C-2.0L		Conical Bottom / Cap with Loop

Feature

- Writing space and scale are attached to the side of the tube.
- Suitable for cryopreservation and bead grinding.
- Can be used in liquid nitrogen vapor phase.

Specification

- Material: Cap, body/PP (polypropylene), Packing/Silicone rubber,
- Centrifugal resistant strength: 20000G
- γ ray sterilized
- DNase, RNase, DNA free

5 mL tube now available. Suitable for small sample size.



Violamo 5mL tube

Order No.	Model No.	Capacity(ml)	Quantity
2-4118-01	VIO-5B	5	1bag (250 pcs)

Feature

- It has a centrifugal resistance strength of 20,000 G that can be used for plasmid and DNA/RNA extraction.
- The transparency is high and it is easy to check the contents.
- Also suitable for homogenization.

Specification

- Material: PP (Polypropylene)
- Size: ϕ 18 x 60mm (including cap)
- Mouth inner diameter: ϕ 13mm
- With scale
- With writing space
- Allowable temperature limit: -80 to +121°C
- DNase / RNase DNA free



Violamo Tube Rack

Order No.	Model No.	Size(mm)	Storage capacity
2-4127-01	PR-50	130x250x51	50 pcs (5 x 10 columns)

※ The pull-out prevention valve does not provide a secure hold on the tube.

Feature

- You can use 5 mL tubes, 15 mL centrifuge tubes, and ϕ 16.5 mm test tubes.
- It has a pull-out prevention valve that lightly supports the tube on the bottom.

Specification

- Material: ABS
- Heat distortion temperature: 90°C
- Autoclave: Not possible

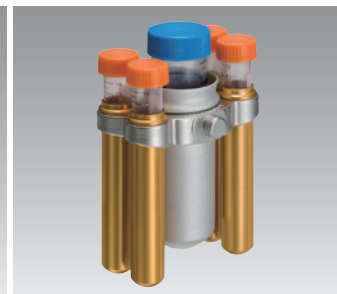
This centrifuge is suitable for a wide range of applications.



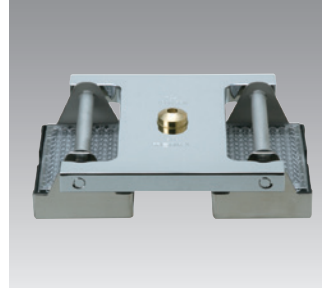
444315-100



7215-06



7M5015-1



TS-4C+S4096-02



CA-8

Violamo Centrifuge

Order No.	Model No.	Product name	Type	Centrifugal acceleration (G)
1-1584-21	444315-100	Main unit	-	-
1-1584-31	CA-8	Angle rotor ^{*1}	for 15/50ml centrifuge tube x 4 pcs	9,060 (15ml) / 9,390 (50ml)
2-7166-13	S4096-02	Bucket for TS-4C	for microplate x 2sheets	510
1-1584-34	7215-06	Bucket for TS-7C	for 15ml centrifuge tube x 24 pcs	2,430
1-1584-35	7050-02		for 50ml centrifuge tube x 8 pcs	2,150
1-1584-36	7M5015-1		for 15ml centrifuge tube x 16 pcs for 50ml centrifuge tube x 4 pcs	2,370 (only 15ml tube) 2,160 (only 50ml tube) ^{*2}

※A rotor is not included with the main unit.

※Please purchase the swing rotor, buckets, and adapters together (no adapters are required for 15mL centrifuge tubes).

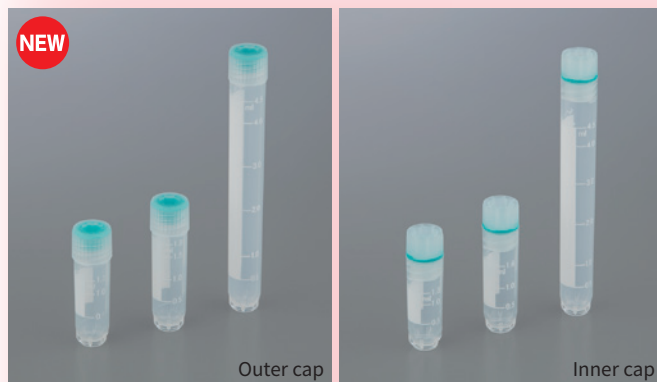
Feature

- Flap drive system is adopted to allow centrifugation of the sample dispensed by eye quantity.
- A flash centrifugal function that centrifuges at a specified number of revolutions while the button is pressed is installed.
- The jog dial is equipped with ENTER (input determination) for comfortable operation.

Specification

- Rotation speed setting range: 100 - 1000rpm (per 100rpm)
- Timer settings: 10 - 50 seconds (per 10 seconds), 1 - 99 minutes (per 1 minute)
- Size(mm): 430 x 554 x 355
- Power supply: 100VAC 50/60Hz 15A
- Weight(kg): 39

Insert caps allow for color identification



Outer cap

Inner cap



Insert cap

Violamo Cryovial



Order No.	Model No.	Capacity(ml)	Cap	Quantity
4-3846-21	OC-1.5S	1.5	Outer Type	1box(50 pcs x 10bags)
4-3846-22	OC-2.0S	2		1box(50 pcs x 5bags)
4-3846-23	OC-5.0S	5	Inner Type	1box(50 pcs x 10bags)
4-3846-24	IC-1.5S	1.5		1box(50 pcs x 5bags)
4-3846-25	IC-1.8S	1.8		
4-3846-26	IC-5.0S	5		
4-3846-27	Incert cap/white			1box(1000 pcs)
4-3846-28	Incert cap/red			
4-3846-29	Incert cap/yellow			
4-3846-30	Incert cap/blue			
4-3846-31	Incert cap/green			
4-3846-32	Incert cap/purple			

※When freezing, make sure the volume is equal to or less than the working volume.

Feature

- Can be stored in liquid nitrogen (vapor phase).
- You can choose from two types of caps: inner cap and outer cap.

Specification

- Material: Body/PP (USP Class VI), Cap/PP/TPE
- Operating Temperature Range: -196 to +121°C
- Electron Beam Sterilized (SAL10⁻⁶)
- DNase/RNase/Pyrogen-Free
- Working volume (mL): 1.2 (OC-1.5S/IC-1.5S)
1.6 (OC-2.0S)
4.0 (OC-5.0S/IC-5.0S)
1.4 (IC-1.8S)



New release of Baffle Bottom type



Violamo Disposable Sterilized Erlenmeyer Flask(Baffle Bottom)



Order No.	Model No.	Capacity(ml)	Cap	Quantity
4-5743-01	SEFB125V	125	Vent Filter Cap	1box(24 pcs)
4-5743-02	SEFB250V	250		
4-5743-03	SEFB500V	500		

Feature

- This is a baffle bottom type that enhances mixing performance.
- Can be used with shakers and agitators.
- Gas exchange is possible in a closed system.

Specification

- Material: Body/Polycarbonate, Cap/HDPE, Filter/PTFE (Vent Filter Cap Only)
- γ -Ray Sterilized (Individual Packaging)
- Pyrogen-Free, DNase/RNase-Free
- Port Outer Diameter x Base x Height(mm):
 - ϕ 29.9 x 65.8 x 113 (125ml)
 - ϕ 32.9 x 83.2 x 138 (250ml)
 - ϕ 39 x 101 x 177 (500ml)



Violamo Disposable Sterilized Erlenmeyer Flask



Order No.	Model No.	Capacity(ml)	Cap
4-2671-01	SEF125V	125	Vent Filter Cap
4-2671-02	SEF250V	250	
4-2671-03	SEF500V	500	
4-2671-07	SEF1000V	1,000	
4-2671-09	SEF2000V	2000	Standard Cap
4-2671-04	SEF125N	125	
4-2671-05	SEF250N	250	
4-2671-06	SEF500N	500	
4-2671-08	SEF1000N	1,000	

Feature

- Can be used in shakers and agitators.
- Gas exchange is possible in a closed system.

Specification

- Material : Body/Polycarbonate , Cap/HDPE , Filter/PTFE (Bent Filter Cap chisel)
- Quantity : 1 box (24 pcs) 125ml
1 box (12 pcs)250/500ml
1 box(6 pcs) 1000/2000ml
- Port Outer Diameter x Base x Height(mm):
 - ϕ 29.9 x 67.8 x 111 (125ml)
 - ϕ 32.9 x 90.2 x 138.5 (250ml)
 - ϕ 39 x 100.5 x 173 (500ml)
 - ϕ 39 x 126 x 210 (1000ml)
 - ϕ 46.7 x 163.4 x 285 (2000ml)
- γ -Ray Sterilized (Individual Packaging)
- Pyrogen-Free, DNase/RNase-Free



Violamo Square Petri Dish



Order No.	Model No.	Culture area (cm ²)	Quantity
4-5746-01	VSD-126	139	1box(10sheets x 24small bags)

Feature

- It has excellent transparency and is suitable for observation.
- It has a graduated grid on the bottom, which can be used as a guide when observing.

Specification

- External Dimensions (mm): 126.4 x 126.4 x 20
- Culture area (cm²): 139
- Quantity: 1 box (Contains 10 Sheets/Pack x 24 Packs)
- Material: PS (USP Class VI Compliant)
- Grid size(mm): 18 x 18 (6 x 6 grid)
- Inner Dimensions(mm): 118.70 x 118.70 x 11.60
- Sterilized (SAL 10⁻⁶)





Violamo Pipetting Reservoir



Order No.	Size(mm)	Quantity
2-4125-01	127.5x85.5x15	1box(50sheets)

※There may be some discoloration due to gamma ray sterilization, but this does not affect usage.

Feature

- Different solutions can be injected into plates simultaneously.
- Compliant with ANSI SBS standards, it can be used for manual dispensing or set up on an automatic dispensing device.

Specification

- Material: PP (Polypropylene)
- Capacity: 1.8mL x 8 columns
- γ ray sterilized (SAL 10^{-6})



VSRR-96

Violamo Single-well Reagent Reservoir



Order No.	Model No.	Number of bottoms	Capacity(ml)	Type	Quantity
4-4965-01	VSRR-96	96	195*	Non-Sterilization	1case (10 pcs x 5boxes)
4-4965-02	VSRR-96S			Sterilization	
4-4965-03	VSRR-384	384	185*	Non-Sterilization	
4-4965-04	VSRR-384S			Sterilization	

※Use no more than 2/3 of the capacity.

Feature

- Effective for processing large samples.

Specification

- Material: PP
- Bottom Shape: V Bottom
- Size(mm): 127.8 x 85.5 x 31.4
- DNase/RNase/pyrogen-free
- γ ray sterilized (SAL 10^{-6}) (VSRR -96 S, 384 S only)



VSRR-384



VRR-8

Violamo Reagent Reservoir



Order No.	Model No.	Well	Well capacity(ml)	Type	Quantity
4-4966-01	VRR-8	8	22*	Non-Sterilization	1case (10 pcs x 5boxes)
4-4966-02	VRR-8S			Sterilization	
4-4966-03	VRR-12	12	15*	Non-Sterilization	
4-4966-04	VRR-12S			Sterilization	

※Use no more than 2/3 of the capacity.

Feature

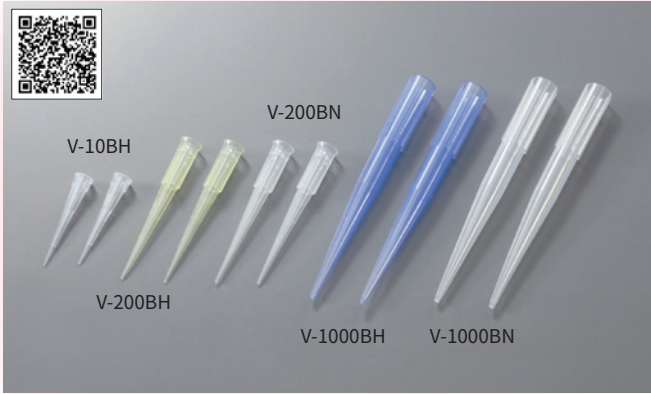
- Because it is compartmentalized, multiple types of solutions can be processed simultaneously.
- Effective for processing large amounts of samples.

Specification

- Material: PP
- Size(mm): 127.8 x 85.5 x 31.4
- DNase/RNase/pyrogen-free
- γ ray sterilized (SAL 10^{-6}) (VRR-8S, 12S only)



VRR-12

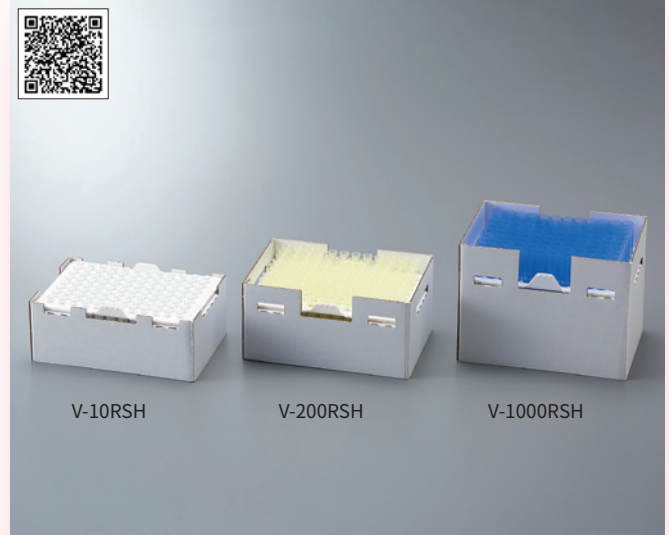
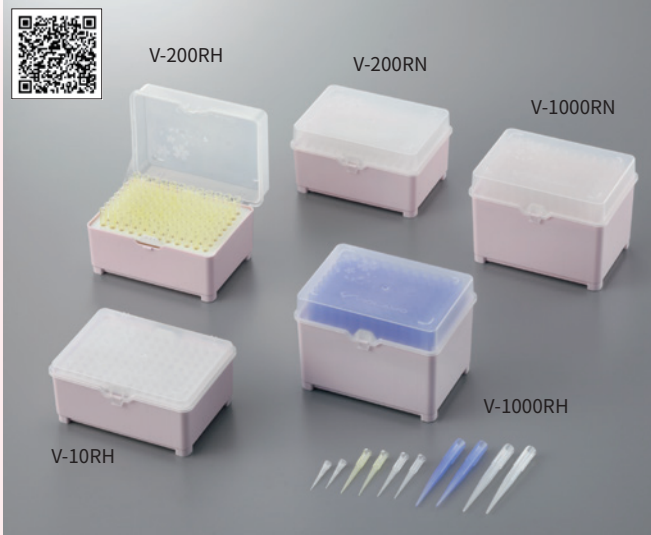


Violamo Tips (Bulk Pack)

Order No.	Model No.	Capacity(μL)	Color	Quantity
3-6504-11	V-10BH	10	Natural	1bag (1000 pcs)
3-6504-12	V-200BH	200	Yellow	
3-6504-04	V-200BN		Natural	
3-6504-13	V-1000BH	1,000	Blue	
3-6504-05	V-1000BN		Natural	

Specification

- Material : PP (Polypropylene)
- Autoclavable (121 °C, 20 minutes or less)
- With scale
- DNA, RNase, DNase and pyrogen free



Violamo Tips (Rack Pack)



Order No.	Model No.	Capacity(μL)	Color	Quantity
3-6629-11	V-10RH	10	Natural	1case (96 pcs x 10trays)
3-6629-07	V-200RH	200		
3-6629-12	V-200RN		Yellow	
3-6629-08	V-1000RH	1,000	Natural	
3-6629-13	V-1000RN		Blue	
3-6629-04	V-10RE	10	Natural	
3-6629-09	V-200RNE	200		
3-6629-05	V-200RE		Yellow	
3-6629-10	V-1000RNE	1,000	Natural	
3-6629-06	V-1000RE		Blue	

Feature

- The racks are stackable so they don't take up much space when stored.

Specification

- Material : PP (Polypropylene)
- Autoclavable (121 °C, 20 minutes or less)
- Graduated
- DNA, RNase, DNase and pyrogen free

Violamo Tips (Spare Plate For Rack Pack)



Order No.	Model No.	Capacity(μL)	Available rack pack	Color
3-6632-11	V-100RSH	10	V-10RH	Natural
3-6632-07	V-200RSN	200	V-200R	
3-6632-12	V-200RSH		V-200RH	Yellow
3-6632-08	V-1000RSN	1,000	V-1000R	Natural
3-6632-13	V-1000RSH		V-1000RH	Blue
3-6632-04	V-10RSE	10	V-10R	Natural
3-6632-09	V-200RSEN	200	V-200R	
3-6632-05	V-200RSE		Yellow	
3-6632-10	V-1000RSEN	1,000	V-1000R	Natural
3-6632-06	V-1000RSE		Blue	

Specification

- Material : PP (Polypropylene)
- Autoclavable (121 °C, 20 minutes or less)
- Graduated
- DNA, RNase, DNase and pyrogen free
- Quantity: 1box(96 pcs x 10plates)

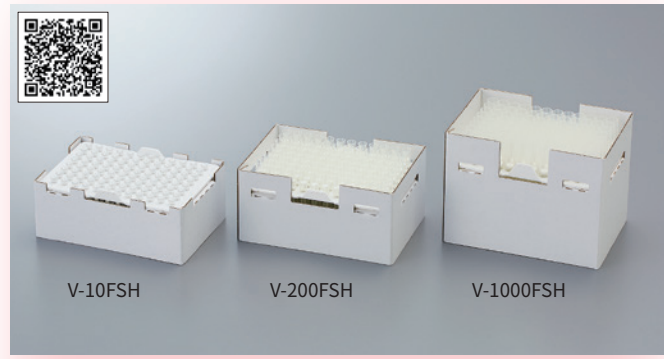


Violamo Tip Rack

Order No.	Type
4-616-01	for V-10
4-616-02	for V-200
4-616-03	for V-1000

Specification

- Material: PP
- Empty Replacement Rack (body and lid plate)



Violamo Tips (With Filter)



Order No.	Model No.	Capacity(μl)	Color	Quantity
3-6625-11	V-10FH	10	Natural	1case (96 pcs x 10trays)
3-6625-12	V-200FH	200		
3-6625-13	V-1000FH	1,000		

Feature

●The filter is hydrophobic and prevents cross-contamination during pipetting.

Specification

- Material : Tip, Rack, Plate/ PP (Polypropylene), Filter/PE (polyethylene)
- Electron beam sterilized
- Graduated
- DNA, RNase, DNase and pyrogen free
- Not autoclavable

Violamo Tips (Spare Plate With Filter)



Order No.	Model No.	Capacity(μl)	Available filter tip	Quantity
3-6509-11	V-10FSH	10	V-10FH	1box (96 pcs x 10plates)
3-6509-12	V-200FSH	200	V-200FH	
3-6509-13	V-1000FSH	1,000	V-1000FH	

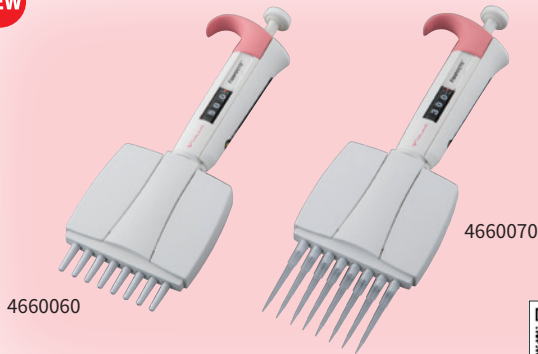
Feature

●The filter is hydrophobic and prevents cross-contamination during pipetting.

Specification

- Material : Tip, Rack, Plate/ PP (Polypropylene), Filter/PE (polyethylene)
- Electron beam sterilized
- Graduated
- DNA, RNase, DNase and pyrogen free
- Not autoclavable
- For replacement of violamo tips (With a filter)

NEW



Violamo Multipipette (8 Channels)

Order No.	Model No.	Capacity(μl)	Minimum variable capacity (uL)	Probability of fraud (minimum capacity)	Sperm density (minimum volume)
4-6539-01	4660060	5 to 50	0.1	±5.00%	cv2.00%
4-6539-02	4660070	30 to 300	1		

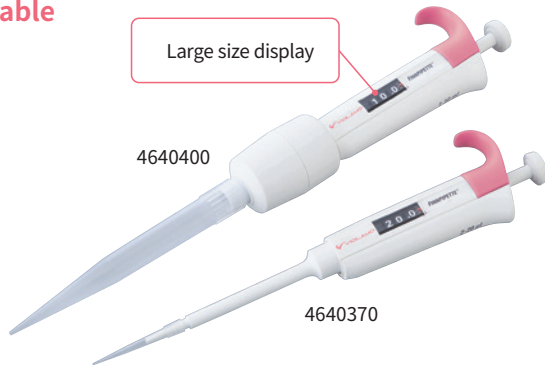
Feature

- Pipette body and module are independent mechanisms and do not affect accuracy.
- Easy to use reduces repetitive stress disorder (RSI) due to continuous work.
- The capacity display is a large, white, black back display that is easy to read.
- Comes with ID tag slot for convenient identification.
- The tip cone module is autoclavable (121°C, 20 minutes).

Specification

- Compatible Tip: Fin Tip: 2-8249-04/63-9283-86 (for 4660060)
2-8249-06/63-9283-91 (for 4660070)

6 pcs set is also available



Feature

- Independent capacity adjustment modules provide excellent durability and capacity stability.
- Ultra-light design allows comfortable pipetting operation.
- Large display with easy to read capacity display.
- The tip cone parts can be autoclaved.
- You can eject a ~10uL tip by installing a low capacity tip cone sold separately.

Specification

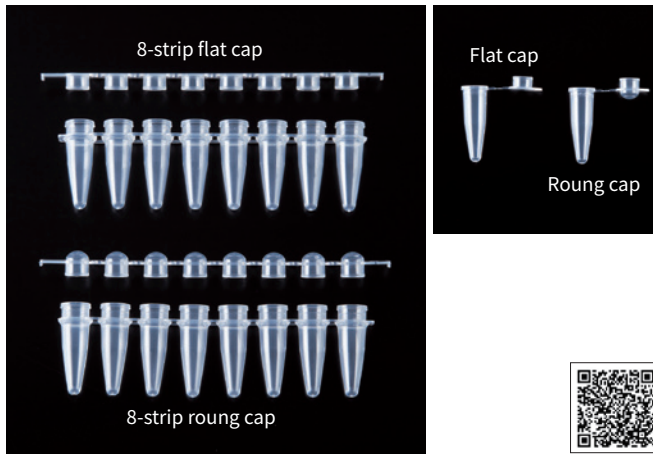
- Available tip: Violamo tips / Finn tips

Violamo Pipette (Single channel)

Model No.	Capacity	Minimum variable capacity	Accuracy (Minimum capacity)	Reproducibility (minimum capacity)	Order No.	1-1903	Order No.	1-1903	Order No.	Type	Order No.	Type
4640360	1 to 10μl	0.02μl	±3.5%	3%	-21	1 pc	-51	6 pcs	-21-20	* With calibration certificate (Japanese)	-21-56	* With calibration certificate (English)
4640370	2 to 20μl				-22		-52		-22-20		-22-56	
4640380	20 to 200μl	0.2μl	±3.0%	1.5%	-23		-53		-23-20		-23-56	
4640390	100 to 1000μl	1μl	±1.5%	0.6%	-24		-54		-24-20		-24-56	
4640410	0.5 to 5ml	0.01ml	±2.0%	0.8%	-26		-56		-26-20		-26-56	
4640400	1 to 10ml	0.02ml			-25		-55		-25-22		-25-56	
Low Capacity Tip Cone(1qty)					-11							

※Documents to be attached when calibration is performed: Calibration certificate (calibration certificate, inspection report, traceability system diagram)

Efficient PCR by thinn and even thickness!



Violamo PCR Tube

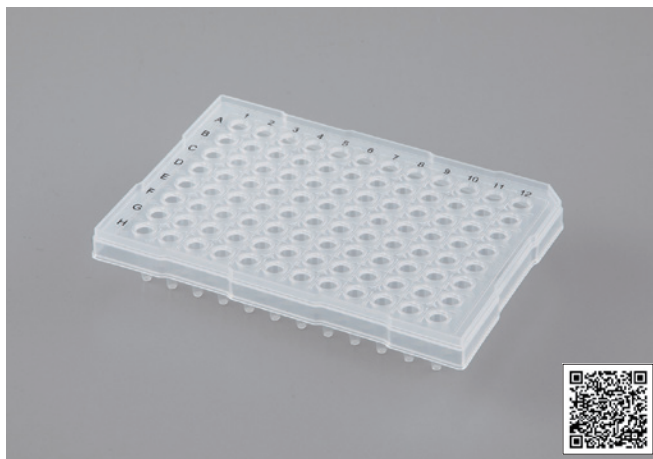
Order No.	Volume(mL)	Type	Cap	Quantity
1-1599-01	0.2	Single	Flat	1box
1-1599-02			Round	(500 pcs/bag x 2bags)
1-1599-03		8-strip	Flat	1box
1-1599-04			Round	(40 pcs/bag x 3bags)

Feature

- Thin-walled and uniform design minimizes thickness variation and achieves effective heat conduction.
- The material (polypropylene for medical use made in Japan) has excellent in heat resistance
- The cap has excellent airtightness, so it is effective to prevent sample evaporation.

Specification

- Material: PP (polypropylene)
- Operating temperature range:-80 to 120°C
- Dnase, RNase DNA free
- Autoclavable



Violamo PCR Plate (Semi-Skirt)

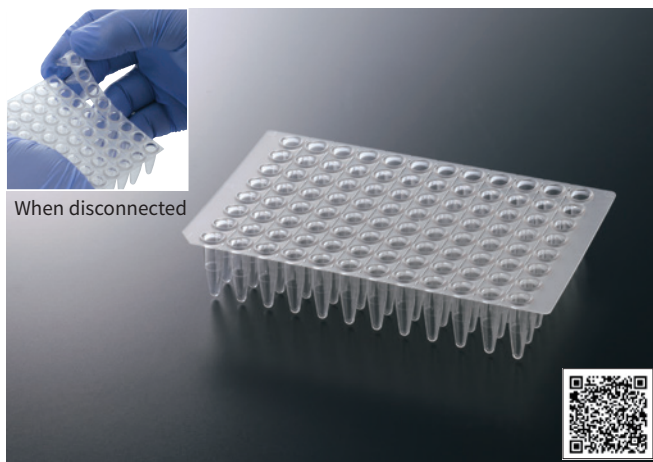
Order No.	Model No.	Well	Well Volume(mL)	Quantity
4-4866-01	VPSC-96-2	96	0.2	1box(100 pcs)

Feature

- Highly transparent and has excellent light transmission.
- The index is clearly visible in black letters.

Specification

- Material: PP (polypropylene)
- Notch Position: A12
- Dnase, RNase and Pyrogen-free
- Autoclavable



Violamo PCR Plate (Easy-Cut)

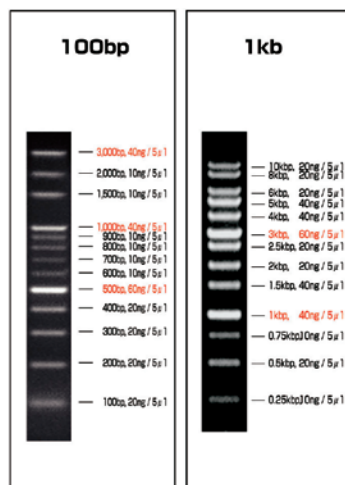
Order No.	Model No.	Type	Quantity
2-6728-01	VPE-010	96 well plate	1box(10 pcs)
2-6728-11	VPF-08	8 strip flat cap	1box
2-6728-12	VPD-08	8 strip round cap	(40 strips/bag x 3bags)

Feature

- Each strip can be easily divided by hand.
- For easy identification, there are letters and numbers from A to H.

Specification

- DNase / RNase DNA free
- Material: PP (polypropylene)
- Well capacity(mL): 0.2



Violamo DNA Ladder Marker

Order No.	Model No.	Molecule Size	Quantity
2-9883-01	VIO-100-1	100~3,000bp	1 pc
2-9883-02	VIO-100-5		5 pcs
2-9883-03	VIO-1kb-1	0.25~10kbp	1 pc
2-9883-04	VIO-1kb-5		5 pcs

Feature

- Can be stored for 1 year at room temperature.
- Contains BPB, Xylene and Cyanol for immediate use.
- Accurate molecular size (sequence confirmed).

Specification

- Volume(μL): 500

Easy Centrifuge for a pair of well plates



inside



Violamo Centrifuge for Well Plate

Order No.	Model No.	Speed (rpm)	Gravitational Acceleration
1-2939-01	PL-SPIN	3200 (fixed)	Approx. 400

※Be sure to use plates with plate seals attached.

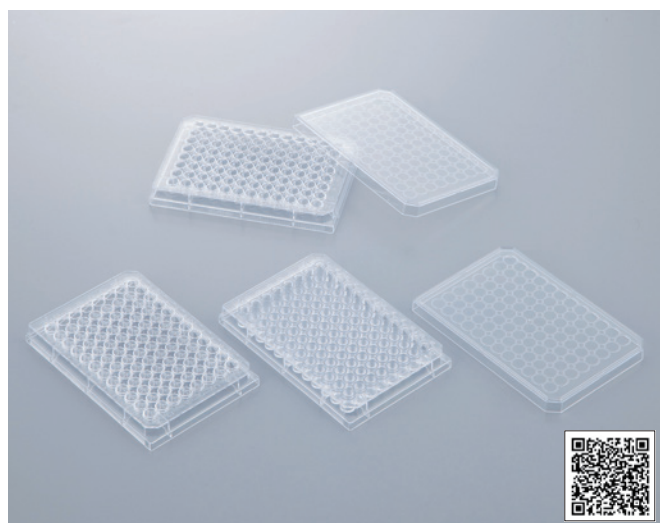
※To balance the plate during centrifugation, place a plate of the same weight diagonally across from the plate.

Feature

- Turn on the power and close the lid to start the spin down.
- 2 microplates such as well plates can be set (up to 24 mm in height).

Specification

- Max Volume: Well plate x 2 (1 plate only is unavailable)
- Safety device: Cover open brake
- Motor: DC brush motor
- Power supply: 100VAC 50/60Hz
- Cord length: 1.5m 2P type
- Main unit size: 160 x 165 x 245mm
- Weight: 3.5kg



Violamo 96 Well Plate



Order No.	Bottom Shape	Sterilized	With Lid	Quantity
1-1601-01	Round	No	No	1box (5 pcs/bag x 27bags)
1-1601-02	Flat			
1-1601-03	Round	Yes	Yes	1box (1 pc/bag x 135bags)
1-1601-04	Flat			
1-1601-05	Round			
1-1601-06	Flat			

Feature

- Made of polystyrene with excellent transparency
- Uniform thickness
- Suitable for microscopic observation and plate reader measurement.
- Conforms to the ANSI/SBS standard.

Specification

- Material: PS (polystyrene)
- Size: 127.76 x 85.46 x 14.35mm
- DNase, RNase, DNA free



VDWP-1.0



VDWP-2.0

Violamo Deep Well Plate (96-well)



Order No.	Model No.	Sterilized	Volume(mL)	Quantity
4-4967-01	VDWP-1.0	No	1.0*	1box(96 pcs)
4-4967-02	VDWP-1.0 S	Yes		1box(50 pcs)
4-4967-03	VDWP-2.0	No	2.0*	1box(96 pcs)
4-4967-04	VDWP-2.0 S	Yes		1box(50 pcs)

※Use no more than 2/3 of the capacity.

Feature

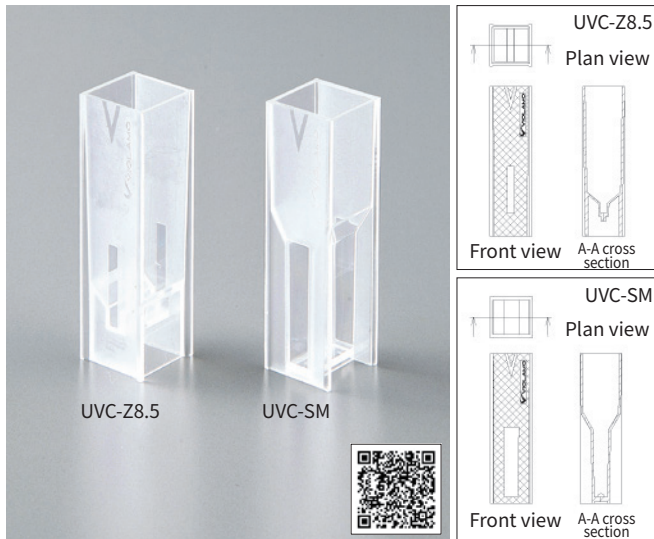
- Stackable and convenient for storage.

Specification

- Material: PP
- Well Shape: U Bottom
- DNase/RNase/pyrogen-free



Suitable for use in the ultraviolet spectrum



Violamo Disposable Cell (Ultraviolet Rays Transmission)

Order No.	Model No.	Type	Optical Axis Height(mm)	Volume
1-2956-01	UVC-Z8.5	Micro	8.5*	50μL to 2.5mL
1-2956-02	UVC-SM	Semi-Micro	8.5 to 20	0.5 to 2.5mL
1-2956-11	Adapter for UVC-Z8.5			

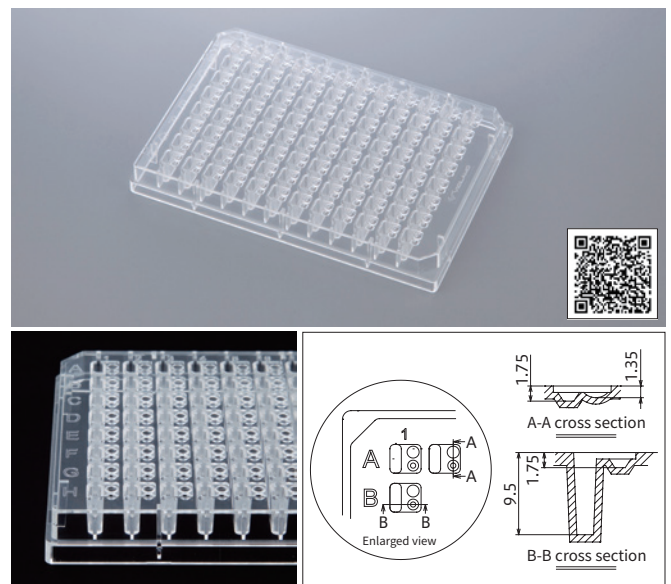
※This optical axis height when the volume is 50 ml. If using a spectrophotometer with an optical axis height of 15 mm, use an adapter.

Feature

- Can be used in a wide range of fields from ultraviolet to visible (220~800 nm).
- The transparent surface has high accuracy and uniform thickness.
- Individually wrapped to avoid contamination. ● Molded in a clean room.
- Does not contain fluorinated or halogenated polymers.
- Frosted surface can be used for writing space.

Specification

- Material: Ultraviolet rays permeable plastic
- Optical path length(mm): 10 ● Size(mm): 12.5 x 12.5 x 45



Violamo Protein Crystallization Plate

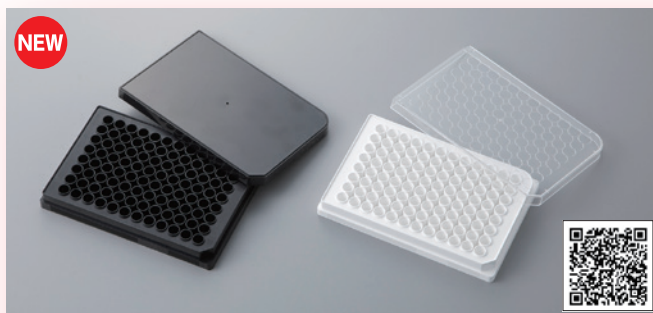
Order No.	Model No.	Quantity
1-2325-01	VCP-1	10 pcs/bag

Feature

- Sitting drop plate with two different subwells.
- Subwell-1: Excellent optical properties are demonstrated by surface polishing treatment with a wide and loose sloping round bottom.
- Subwell-2: Trapezoidal design for those who prefer a flat bottom.
- Compatible with automatic crystallization robots such as Mosquito.

Specification

- Material: UV permeability resin
- Well capacity: Subwell/10nL - 3μL, Reservoir well/50 - 100μL
- Conforms to SBS Standard



Violamo 96 Well Plate

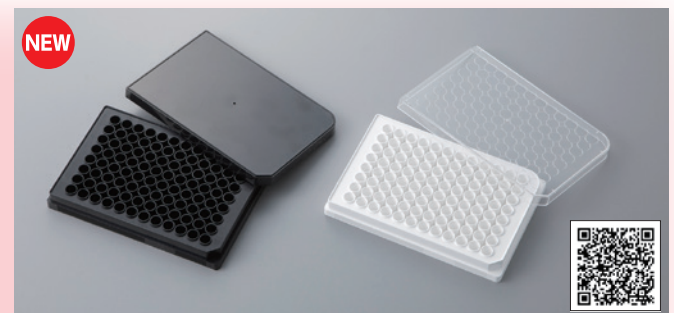
Order No.	Model No.	Color	Bottom Shape	Quantity
4-6384-01	VM96-B	Black	Flat	1box
4-6384-02	VM96-W	White		(1 pc/bag x 50bags)

Feature

- The white plate provides maximum reflection and minimum crosstalk in luminescence assays.
- The black plate is designed to minimize light scattering and crosstalk during fluorescence assays.
- Suitable for HTS (High-Throughput Screening).

Specification

- Material: PS (USP Class VI)
- Size(mm): 85.4 x 127.6 x 14.4
- Well Diameter(mm): Top φ6.92, Bottom φ6.5
- Well Area(cm²): 0.33
- Working Volume/Well(mL): 0.2
- Electron Beam Sterilized (Individual Package)
- Conforms to ANSI Standard



Violamo 96 Well Plate (Cell Culture Treatment)

Order No.	Model No.	Color	Bottom Shape	Quantity
4-6383-01	VMTC96-B	Black	Flat	1box
4-6383-02	VMTC96-W	White		(1 pc/bag x 50bags)

Feature

- Adopts cell culture surface treatment to enhance adhesion and proliferation of adherent cells.
- White plate provides maximum reflection and minimum crosstalk in luminescence assay.
- Black plate is designed to minimize light scattering and crosstalk during fluorescence assay.
- Suitable for HTS (High Throughput Screening).

Specification

- Material: PS (USP Class VI) ● Size: 85.4 x 127.6 x 14.4 mm
- Well Diameter(mm): Top φ6.92, Bottom φ6.5
- Well Area(cm²): 0.33 ● Working Volume/Well(mL): 0.2
- Electron Beam Sterilized (Individual Package)
- Conforms to ANSI Standard
- Dnase/RNase/HumanDNA/Pyrogen/Cytotoxicity-free

Special specifications for CPC

※1

※2

※1: Contamination inspection, small-lot & multiple packaging, sterilization by γ -ray irradiation (25kGy) (all in Japan)
 ※2: 「CPC」means 「Cell Processing Center」



Violamo Centrifuge Tube



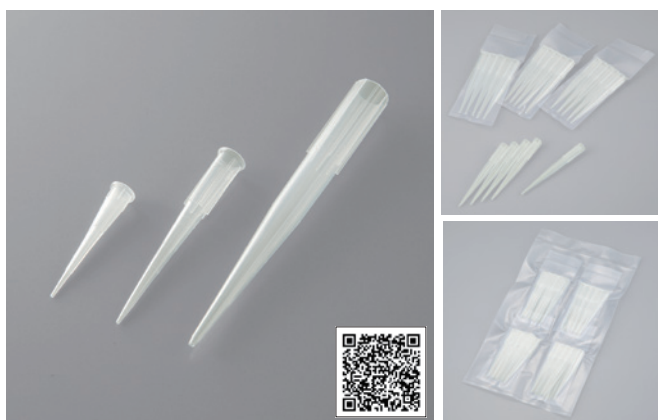
Order No.	Model No.	Volume(mL)	Package	Quantity
4-4739-01	15ml CPC	15	Quadruple Packaging	20 pcs/bag
4-4739-02	50ml CPC	50		

Feature

- Centrifuge tube with multiple clean packs for regenerative medicine laboratories.
- There is no need to wipe the outside of the bag because it is packed in 4 layers using particle-controlled clean packaging material.

Specification

- Material: Body/PP, Cap/HDPE
- Size(mm): 15 mL/ ϕ 17 x 118, 50 mL/ ϕ 30 x 114
- Quantity: 1 Pack (5 pcs/bag x 4 bags)
- Centrifugal Strength: 20,000G
- DNase/RNase/DNA/Pyrogen-Free
- γ -Ray Irradiated (25 kGy)



Violamo Pipette Tip



Order No.	Model No.	Volume(μ L)	Package	Quantity
4-4737-01	10 μ l CPC	10	Quadruple Packaging	80 pcs/bag
4-4737-02	200 μ l CPC	200		
4-4737-03	1,000 μ l CPC	1,000		

Feature

- Pipette Tips with multiple clean packs for regenerative medicine laboratories.
- There is no need to wipe the outside of the bag because it is packed in 4 layers using particle-controlled clean packaging material.

Specification

- Material: PP
- Quantity: 1 Pack (5 pcs/bag x 4 bags x 4 bags)
- DNase/RNase/DNA/Pyrogen-Free
- γ -Ray Irradiated (25 kGy)



Violamo Disposable Pipette



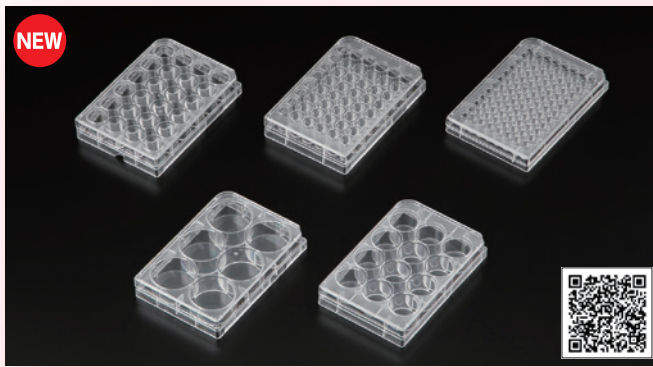
Order No.	Model No.	Volume(mL)	Package	Quantity
4-4738-01	5ml CPC	5	Quadruple Packaging	20 pcs/bag
4-4738-02	10ml CPC	10		
4-4738-03	25ml CPC	25		
4-4738-04	50ml CPC	50		

Feature

- Pipettes with multiple clean packs for regenerative medicine laboratories.
- There is no need to wipe the outside of the bag because it is packed in 4 layers using particle-controlled clean packaging material.

Specification

- Material: PS
- Quantity: 1 Pack (5 pcs/bag x 4 bags)
- DNase/RNase/DNA/Pyrogen-Free
- γ -Ray Irradiated (25 kGy)



Violamo Cell Culture Plate (Cell culture surface treatment)



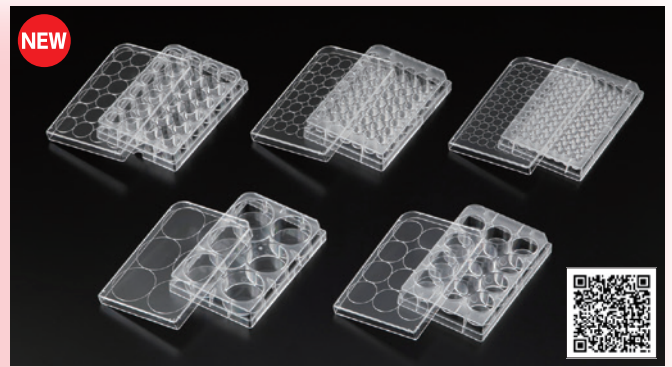
Order No.	Model No.	Culture Area(cm ²)	Working Volume(mL)	Quantity
4-5778-01	VTCα-P6	9.6	3	1box (1 pc/bag x 50bags)
4-5778-02	VTCα-P12	3.8	2	
4-5778-03	VTCα-P24	1.9	1	
4-5778-04	VTCα-P48	0.75	0.5	
4-5778-05	VTCα-P96	0.33	0.2	

Feature

- Surface treated to enhance adhesion and proliferation of adherent cells.
- The lid is designed to enable effective gas exchange.
- The surface is smooth and undistorted, with excellent observability.
- Suitable for HTS (High Throughput Screening).

Specification

- Material: PS (USP Class VI Compliant)
- Surface Treatment: Atmospheric Pressure Plasma
- Bottom Shape: Flat (Flat Bottom)
- Electron Beam Sterilized
- DNase, RNase, HumanDNA, Pyrogen, Cytotoxicity Free



Violamo Suspension Cell Culture Plate



Order No.	Model No.	Culture Area(cm ²)	Working Volume(mL)	Quantity
4-5739-01	VFα-P6	9.6	3	1box (1 pc/bag x 50bags)
4-5739-02	VFα-P12	3.8	2	
4-5739-03	VFα-P24	1.9	1	
4-5739-04	VFα-P48	0.75	0.5	
4-5739-05	VFα-P96	0.33	0.2	

Feature

- No surface treatment, suitable for floating cell culture.
- The lid is designed to enable effective gas exchange.
- The surface is smooth and undistorted, with excellent observability.
- Suitable for HTS (High Throughput Screening).

Specification

- Material: PS (USP Class VI Compliant)
- Bottom Shape: Flat
- Electron Beam Sterilized
- DNase, RNase, HumanDNA, Pyrogen, Cytotoxicity Free



Violamo Cell Culture Plate (4 Well)



Order No.	Model No.	Size(mm)	Culture Area(cm ²)	Quantity
4-5745-01	VTC-P4	66x66x12	2.00	1box (4 pcs/bag x 30bags)

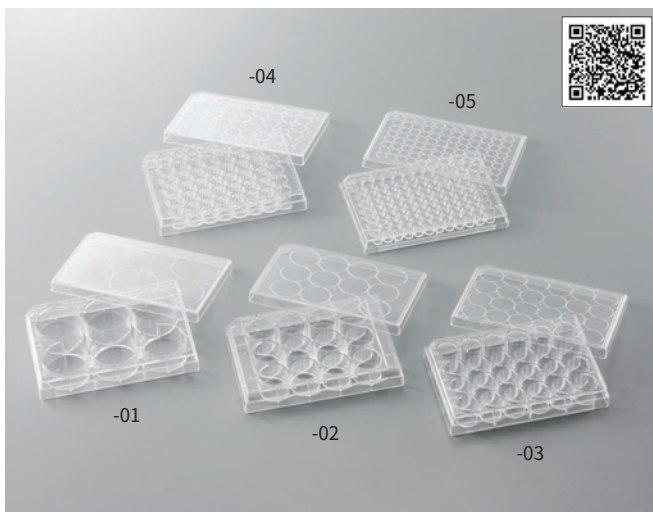
※ This product is for research use only. Not for use in diagnostic or therapeutic applications.

Feature

- Surface treated to enhance adhesion and proliferation of adherent cells.
- Material conform to USP guidelines (Class VI)
- The lid is designed to enable effective gas exchange.
- The surface is smooth and undistorted, with excellent observability.

Specification

- Working Volume/well(mL): 1 ● Well diameter(mm): φ15.8
- Material: PS (USP Class VI Compliant)
- Surface Treatment: Atmospheric Pressure Plasma ● Electron Beam Sterilized
- DNase, RNase, HumanDNA, Pyrogen, Cytotoxic, Genotoxic, Mutagenic Free
- Embryotoxicity (MEA) Tested



Violamo Cell Culture Plate



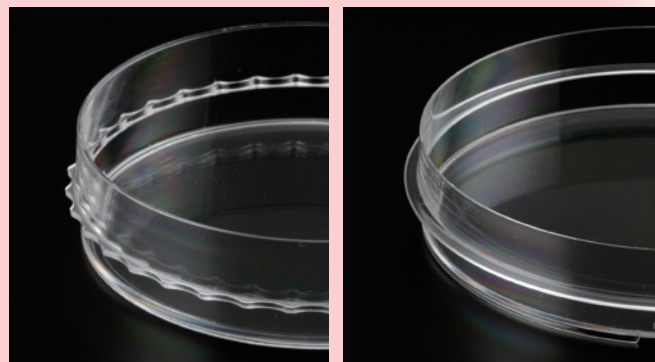
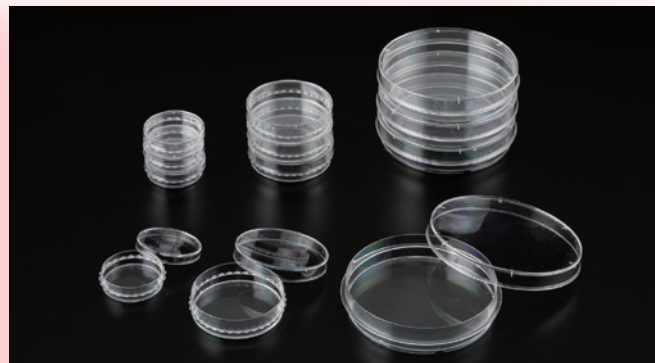
Order No.	Model No.	Culture Area(cm ²)	Working Volume(mL)	Quantity
2-8588-01	VTC-P6	9.5	3	1box (1 pc/bag x 50bags)
2-8588-02	VTC-P12	3.6	2	
2-8588-03	VTC-P24	1.9	1	
2-8588-04	VTC-P48	0.95	0.5	
2-8588-05	VTC-P96	0.32	0.1 to 0.2	1box (1 pc/bag x 100bags)

Feature

- Surface treated to enhance adhesion and proliferation of adherent cells.
- The surface is smooth and undistorted, with excellent observability.
- The lid is designed to prevent evaporation and cross contamination.

Specification

- Materials: PS ● Bottom Shape: Flat
- Surface Treatment: Vacuum plasma ● Electron Beam Sterilized
- DNase, RNase, HumanDNA, Pyrogen Free



Violamo Cell Culture Dish (Easy Grip and Cell culture surface treatment)



Order No.	Model No.	Culture Area(cm ²)	Working Volume(mL)	Quantity
4-5776-01	VTCα-DE35	9.4	3	1box
4-5776-02	VTCα-DE60	21.5	5	(10 pcs/bag x 50bags)
4-5776-03	VTCα-DE90	57.5	12.5	1box (10 pcs/bag x 20bags)

Feature

- The "Easy Grip Wings" prevents samples from falling.
- Surface treated to enhance adhesion and proliferation of adherent cells.
- The lid is designed to enable effective gas exchange.
- The surface is smooth and undistorted, with excellent observability.

Specification

- Material: PS (USP Class VI Compliant)
- Surface Treatment: Atmospheric Pressure Plasma
- Electron Beam Sterilized
- DNase, RNase, HumanDNA, Pyrogen, Cytotoxicity Free



Violamo Suspension Culture Dish (Easy Grip Type)



Order No.	Model No.	Culture Area (cm ²)	Working Volume(mL)	Quantity
4-5737-01	VFα-DE35	9.4	3	1box
4-5737-02	VFα-DE60	21.5	5	(10 pcs/bag x 50bags)
4-5737-03	VFα-DE90	57.5	12.5	1box (10 pcs/bag x 20bags)

Feature

- The "Easy Grip Wings" prevents samples from falling.
- No surface treatment, suitable for floating cell culture.
- The lid is designed to enable effective gas exchange.
- The surface is smooth and undistorted, with excellent observability.

Specification

- Material: PS (USP Class VI Compliant)
- Electron Beam Sterilized
- DNase, RNase, HumanDNA, Pyrogen, Cytotoxicity Free



Violamo Cell Culture Dish



Order No.	Model No.	Culture Area(cm ²)	Working Volume(mL)	Quantity
2-8590-05	VTC-D35N	9	1.8 to 2.7	20 pcs/bag
2-8590-11				1box(20 pcs/bag x 25bags)
2-8590-06	VTC-D60	21	4.2 to 6.3	20 pcs/bag
2-8590-02				1box(20 pcs/bag x 25bags)
2-8590-07	VTC-D100	55	11 to 16.5	20 pcs/bag
2-8590-03				1box(20 pcs/bag x 15bags)
2-8590-08	VTC-D150	152	30.4 to 45.6	5 pcs/bag
2-8590-04				1box(5 pcs/bag x 20bags)

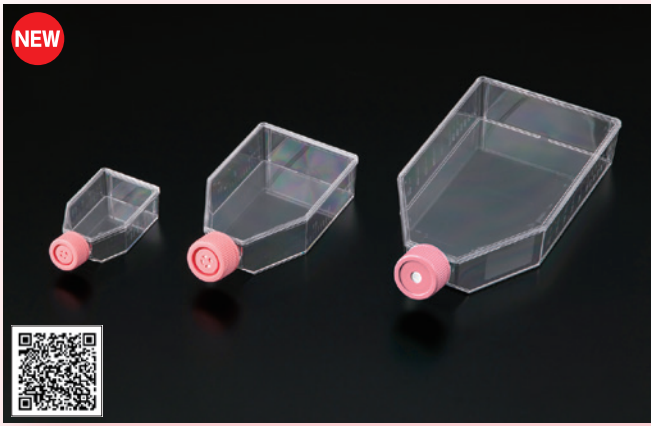
※About detail, please refer our website (AXEL-GLOBAL)

Feature

- Surface treated to enhance adhesion and proliferation of adherent cells.
- The surface is smooth and undistorted, with excellent observability.

Specification

- Material: PS
- Surface Treatment: Vacuum plasma
- Electron Beam Sterilized
- Pyrogen Free



Violamo Cell Culture Flask (Vent Cap, Cell culture surface treatment)



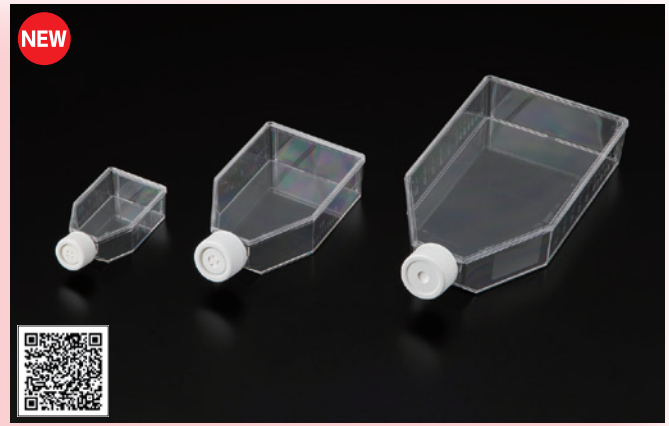
Order No.	Model No.	Culture area (cm ²)	Volume (mL)	Working volume (mL)	Quantity
4-5777-01	VTCα-F25V	25	60	7	1 box (5 pcs/Pack x 40 Packs)
4-5777-02	VTCα-F75V	75	250	25	1 box (5 pcs/Pack x 20 Packs)
4-5777-03	VTCα-F175V	175	650	50	1 box (5 pcs/Pack x 8 Packs)

Feature

- Cell culture surface treatment that enhances the adhesion and proliferation of adherent cells.
- Ergonomic design ensures easy handling and minimizes contamination.
- The wide, angled neck design facilitates easy access with pipettes and scrapers.
- The filter-equipped cap facilitates gas exchange while preventing the entry of microorganisms and foreign matter.
- Various tests are conducted for each production lot.

Specification

- Material: Body/PS, Cap/HDPE
- Surface treatment: Cell culture surface treatment (atmospheric pressure plasma)
- Electron Beam Sterilized
- DNase/RNase/Human DNA/Pyrogen/Cytotoxicity Free
- Cap Specification: Vent Cap



Violamo Floating Cell Culture Flask



Order No.	Model No.	Culture area (cm ²)	Volume (mL)	Working volume (mL)	Quantity
4-5738-01	VFA-F25V	25	60	7	1 box (5 pcs/Pack x 40 Packs)
4-5738-02	VFA-F75V	75	250	25	1 box (5 pcs/Pack x 20 Packs)
4-5738-03	VFA-F175V	175	650	50	1 box (5 pcs/Pack x 8 Packs)

Feature

- Untreated and suitable for culturing suspended cells.
- Ergonomic design ensures easy handling and minimizes contamination.
- The wide, angled neck design facilitates easy access with pipettes and scrapers.
- The filter-equipped cap facilitates gas exchange while preventing the entry of microorganisms and foreign matter.
- Various tests are conducted for each production lot.

Specification

- Material: Body/PS, Cap/HDPE
- Electron Beam Sterilized
- DNase/RNase/Human DNA/Pyrogen/Cytotoxicity Free
- Cap Specification: Vent Cap
- Surface treatment: None



Cell Cultivation Flask



Model No.	Cap specification	Culture area (cm ²)	Volume (mL)	Working volume (mL)	2-8589		2-8589	
					Order No.	Quantity	Order No.	Quantity
VTC-F25V	vent	25	50	5 to 7.5	-01	1 box (10 pcs x 20 small bags)	-09	1 bag (10 pcs)
VTC-F75V		75	250	15 to 22.5	-02	1 box (5 pcs x 20 small bags)	-10	
VTC-F175V		175	650	35 to 52.5	-03	1 box (5 pcs x 8 small bags)	-11	1 bag (5 pcs)
VTC-F225V		225	950	45 to 67.5	-07	1 box (5 pcs x 5 small bags)	-12	
VTC-F25P	Plug seal	25	50	5 to 7.5	-04	1 box (10 pcs x 20 small bags)	-13	1 bag (10 pcs)
VTC-F75P		75	250	15 to 22.5	-05	1 box (5 pcs x 20 small bags)	-14	
VTC-F175P		175	650	35 to 52.5	-06	1 box (5 pcs x 8 small bags)	-15	1 bag (5 pcs)
VTC-F225P		225	950	45 to 67.5	-08	1 box (5 pcs x 5 small bags)	-16	

Feature

- Uses cell culture surface treatment to enhance adhesion and proliferation of adherent cells.
- The vent cap type uses a 0.22 μm hydrophobic filter to facilitate gas exchange and prevent contamination with microorganisms and foreign substances.
- The plug seal cap type is a two-position type and allows gas exchange by loosening it slightly.
- Contamination tests and cell proliferation tests are conducted for each production lot.

Specification

- Material: Body / PS (polystyrene), cap / PP (polypropylene)
- Surface treatment: Cell culture surface treatment (vacuum plasma) electron beam sterilized
- Pilogen-free



Violamo Center Well Organ Culture Dish



Order No.	Model No.	Dish Size (mm)	Center Well Size (mm)	Quantity
4-5744-01	VTC-CD1	φ58x14	φ21.7	1 box (10 Sheets/Pack x 50 Packs)

※This product is for research use only. Not for use in diagnostic or therapeutic applications.

Feature

- The surface treatment enhances the adhesion and proliferation of adherent cells.
- The lid and body stack together with an easy-grip handle, making it easy to handle despite its small size.
- Materials compliant with USP Guidelines (Class VI) are used.
- Various tests are conducted for each production lot.

Specification

- Material: PS (USP Class VI Compliant)
- Electron Beam Sterilized (SAL 10⁻⁶) ●Embryotoxicity (MEA) tested
- Surface treatment: Cell culture surface treatment (atmospheric pressure plasma) ●Center well
- Dnase, Rnase, Human DNA, Pyrogen, Cytotoxic, Genotoxic, Mutagenic Free

The glass surface is hydrophilic



Violamo Glass Bottom Dish



Order No.	Model No.	Dish Size (mm)	Center Well Size (mm)	Quantity
4-2673-02	GBCD15	φ15	φ35x10	1 bag (10 sheets)
4-2673-01				1 box (10 pcs/bag x 20 bags)

Feature

- The glass surface is hydrophilic, allowing cells to adhere to the glass surface.
- It is suitable for microscopic cell observation.
- The shape is easy to hold.
- It uses USP ClassVI-compliant PS.

Specification

- Material: Body/PS, Attached Glass/Borosilicate Glass
- Cover glass thickness: 0.16 ~ 0.19 mm
- Electron beam sterilized
- Pyrogen-free, cell non-toxic

For large-scale cell culture



Violamo Roller Bottle



Order No.	Model No.	Volume (mL)	Surface area (cm ²)	Surface Treatment	Quantity
4-2670-03	RBF850	2,000	800	None	1box (1 pc x 12bags)
4-2670-01	RB850		850	Cell culture surface treatment	
4-2670-02	RB1900		1,900		

Feature

- The cap features a vent filter, enabling gas exchange in a closed system without contamination.

Specification

- Material: Body/PS, Cap/HDPE, Filter/PVDF
- Cap: Vent Filter Cap
- Membrane: Hydrophobic PVDF 0.22 μm
- Working volume(mL): 180~260
- γ-Ray Sterilized (Individual Packaging)
- Pyrogen-free
- With Scale
- No Autoclave

We have significantly expanded the range of materials available for various filters.



Feature

- If the cap comes with filter unit is attached to the bottom bottle after sterile filtration, the sample can be stored as is.
- PES membranes have a fast filtration rate and are unlikely to adsorb proteins.
- There is a scale on the top and bottom of the body.
- The membrane material and pore size are printed on the funnel.
- The lot number is attached to the upper part of the body.

Specification

- Material : Membrane/PES (polyether sulfone) , Lid/PS for Cup , Bottle , Bottle Cap/HDPE , Funnel/ABS Plastic
- Gamma-irradiated (individually packaged)
- Pyrogen-free
- Screw cap standard: GL45



Violamo Cell Culture Filter Unit

Order No.	4-2672		N 4-6227		N 4-6228		N 4-6229		N 4-6230		N 4-6231		Quantity
	Material of membrane	PES				PVDF				CA			
	Pore Size(μm)	0.22	0.45	0.22	0.45	0.22	0.45	0.22	0.45				
Volume(mL)	Membrane Diameter(mm)												
-01	150											1box (1 pc x 12small bags)	
-02	250	φ50											
-03	500	φ75											
-04	1,000	φ91											



Feature

- Membrane material and pore size are clearly marked on each product for easy identification.
- Individually packaged for convenient management.
- Compatible with Violamo Storage Bottles (round type) (*Order No: 4-6238-01 to 04).

Specification

- Material: Lid/Cup/PS, Tube Connector Part/PP, Screw Port Part/ABS Resin
- Screw Cap Standard: GL45
- γ-Ray Sterilized (Individual Packaging)
- DNase/RNase/Pyrogen-Free



Violamo Bottle Top Filter

Order No.	4-6232		4-6233		4-6234		4-6235		4-6236		4-6237		Quantity
	Material of membrane	PES				PVDF				CA			
	Pore Size(μm)	0.22	0.45	0.22	0.45	0.22	0.45	0.22	0.45				
Volume(mL)	Membrane Diameter(mm)												
-01	150											1box (1 pc x 24small bags)	
-02	250	φ50											
-03	500	φ75											
-04	1,000	φ91											



Violamo Storage Bottle (Round)

Order No.	Model No.	Volume (mL)	Quantity
4-6238-01	VSBR-150	150	1box (1 pc x 24small bags)
4-6238-02	VSBR-250	250	
4-6238-03	VSBR-500	500	
4-6238-04	VSBR-1000	1000	

Feature

- This disposable bottle is convenient for storing media, buffers, and other solutions.
- It can be connected for use with ViolaMo bottle top filters, filter units, and similar equipment.
- It features an easy-grip indentation. ● Manufactured in a Class 100,000 cleanroom.

Specification

- Material: Body/PS (USP Class VI), Cap/HDPE ● Screw Cap Standard: GL45
- Operating Temperature Range: -20 to +50°C
- γ-Ray Sterilized (SAL 10⁻⁶) ● DNase/RNase/Pyrogen-Free





Violamo Polycarbonate Square Bottle (sterilized)



Order No	Volume (mL)	Inner diameter x body dimensions x height * (mm)	Quantity
2-4130-01	150	φ37.8 x 63.8□ x 95.3	1 pc
2-4130-02	250	φ37.9 x 61.0□ x 137.3	
2-4130-03	500	φ37.8 x 78.4□ x 174.8	
2-4130-51	150 (box sale)	φ37.8 x 63.8□ x 95.3	1box (24 pcs)
2-4130-52	250 (box sale)	φ37.9 x 61.0□ x 137.3	
2-4130-53	500 (box sale)	φ37.8 x 78.4□ x 174.8	

※ There may be some discoloration due to gamma ray sterilization, but this does not affect usage.

Feature

- Made of polycarbonate, it offers excellent impact resistance.
- The scale features easy-to-read white printing.

Specification

- Material: Body / PC (Polycarbonate), Cap / PP (Polypropylene)
- With measurement scale
- γ ray sterilized (individually packaged)



Violamo Cell Scraper



Order No	Handle length x Blade length (mm)	Quantity
1-2248-01	250x18	1box(1 pc x 100bags)
1-2248-11		1box(1 pc x 10bags)

Feature

- Convenient for cell recovery in flasks, etc.
- The blade is variable and suitable for removing cells from the culture surface.

Specification

- Material: Blade/PE (polyethylene) Handle/PS (polystyrene)
- γ ray sterilized (individual packaging)
- DNase, RNase, pyrogen free



Violamo Cell Lifter



Order No	Handle length x Blade length (mm)	Quantity
1-2249-01	180	1box(1 pc x 100bags)
1-2249-11		1box(1 pc x 10bags)

Feature

- Convenient for recovering cells from dishes.

Specification

- Material: PE (Polyethylene)
- γ ray sterilized (individual packaging)
- DNase, RNase, pyrogen free

BRAND LIST

AS ONE Corporation has a wide variety of products from reputable brands available for purchase in Japan.

ULVAC
ESCO CO., LTD.



AND
Discover Precision



SINCE 1889
Yamato



NIHON FREEZER

ViolaMo Disposable Pipettes: New Model Now Available



Peeling packaging



ViolaMo Disposable Pipette



Order No	Volume (mL)	One Scale (mL)	Top Outer Diameter (φmm)	Color	Quantity
4-6769-01	1	0.01	φ4.7	Yellow	1box
4-6769-02	2	0.02	φ6	Green	(1 pc x 500bags)
4-6769-03	5	0.1	φ8	Blue	1box
4-6769-04	10		φ7.9	Orange	(1 pc x 200bags)
4-6769-05	25	0.2	φ7.8	Red	1box(1 pc x 150bags)
4-6769-06	50	0.5	φ8.3	Purple	1box(1 pc x 100bags)

Feature

- Easy-to-open peel packaging (plastic + paper).
- Individual packaging (single-unit) displays the lot number.
- Features directional graduations (forward scale) and minus graduations.
- Includes a cotton plug to prevent overfilling and sample contamination.

Specification

- Material: PS
- Sterilized (Individual Packaging)
- DNase/RNase/Pyrogen-Free
- Graduation accuracy (at maximum capacity): ±2%

High precision and clear readability



1ml
2ml
5ml
10ml
25ml
50ml



ViolaMo Disposable Pipette Peeling Packaging



Order No	Volume (mL)	One Scale (mL)	Top Outer Diameter (φmm)	Color	Quantity
1-2247-01	1	0.01	φ5	Yellow	1box
1-2247-02	2	0.02	φ6	Green	(1 pc x 500bags)
1-2247-03	5	0.1	φ8	Blue	1box
1-2247-14	10			Orange	(1 pc x 200bags)
1-2247-05	25	0.2	φ7	Red	1box(1 pc x 150bags)
1-2247-06	50	0.5	φ8	Purple	1box(1 pc x 100bags)

Feature

- Easy-to-open peeling packaging (plastic + paper).



ViolaMo Disposable Pipette Easy-Open Package



Order No	Volume (mL)	One Scale (mL)	Top Outer Diameter (φmm)	Color	Quantity
2-4131-01	1	0.01	φ5	Yellow	1box
2-4131-02	2	0.02	φ6	Green	(1 pc x 500bags)
2-4131-03	5	0.1	φ8	Blue	1box
2-4131-14	10			Orange	(1 pc x 200bags)
2-4131-05	25	0.2	φ7	Red	1box(1 pc x 150bags)
2-4131-06	50	0.5	φ8	Purple	1box(1 pc x 100bags)

Feature

- Easy-to-open peeling packaging (plastic).
- The outer box has a large opening and is easy to take out.
- It is divided into small pcs in a bag, so you can carry and use only as much as you need.



ViolaMo Disposable Pipette Easy-Open Package



Order No	Volume (mL)	One Scale (mL)	Top Outer Diameter (φmm)	Color	Quantity
2-4132-01	1	0.01	φ5	Yellow	1box
2-4132-02	2	0.02	φ6	Green	(1 pc x 500bags)
2-4132-03	5	0.1	φ8	Blue	1box
2-4132-14	10			Orange	(1 pc x 200bags)
2-4132-05	25	0.2	φ7	Red	1box(1 pc x 150bags)
2-4132-06	50	0.5	φ8	Purple	1box(1 pc x 100bags)

Feature

- Easy-to-open peeling packaging (plastic + paper).
- It is divided into small pcs in a bag, so you can carry and use only as much as you need.



Peeling packaging



Peeling packaging

Feature

- Two-way scale (forward and reverse) and negative markings
- Color-coded for volume identification
- Accuracy is ±2% of the total volume.
- Cotton plug prevents overfilling.
- Each product is labeled with a lot number

Common Specification

- Material: PS
- With cotton plug
- γ ray sterilized (individual packaging)
- Pyrogen free
- DNase/RNase free
- CE acquired

The new standard in electric pipettes!

NEW



Point 1

Suction and dispensing speeds adjustable in 6 levels!



Display

Point 2

Stands upright on its own even with a pipette attached!



No need stands

Point 3

Powerful motor fills a 25mL pipette in about 5 seconds! (At fastest setting)

Violamo pipette filler



Order No.	Model No.	Suitable pipette capacity (mL)
4-5740-01	VPF-100	0.1~100
4-5740-11	Replacement Filter for Violamo Pipette Filler (Hydrophobic PTFE, Pore Diameter ϕ 0.45 μ m)	
1-335-12	Pipette Filler (Front Lab) Replacement Silicone Adapter	

Feature

- Stands upright on its own even with a pipette attached!
- Suction and dispensing speeds adjustable in 6 levels!
- Powerful motor fills a 25mL pipette in about 5 seconds! (At fastest setting)
- Easy one-handed operation, usable even while charging.
- Battery level and speed setting always visible on the display.
- USB Type-C compatible for charging and use with mobile batteries and more.



Type C charging



Wall-mounted holder (included)



Compatible with various sizes of dispensing pipettes

Specification

- Material: Body/PVDF (Polyvinylidene Fluoride)/ABS Resin/Polycarbonate, Filter/PTFE
- Display: LCD (battery level, speed setting)
- Power: Built-in rechargeable lithium ion battery or AC adapter (included)
- Weight(g): about 200
- Accessories: Filter x 2 (1 already installed), Silicon Adapter x 1 (already installed), Wall Holder, AC Adapter, USB Cable for Charging



Violamo Short Pipette



Order No.	Model No.	Color	Capacity (mL)	Scale (mL)	Upper outer diameter	Quantity
1-2066-01	GSP010205	Blue	5ml	0.1mL	ϕ 8mm	1 box (1 pc/bag x 200 bags)
1-2066-02	GSP010210	Orange	10mL	0.2mL	ϕ 8mm	1 box (containing 1 pc/bag x 150 bags)
1-2066-03	GSP010225	Red	25mL	0.5mL	ϕ 8mm	1 box (1 pc/bag x 100 bags)

Feature

- Suitable for clean bench and safety cabinet work.
- Easy-to-open peeling packaging (plastic + paper).
- Two-way tick marks (forward and reverse) and minus tick marks are included.
- Cotton plug is attached to prevent overfilling.
- Lot numbers are listed on each item.

Specification

- Material: PS (polystyrene)
- Accuracy: +/- 2% (all)
- γ ray sterilized (individual packaging)
- Upper outer diameter(mm): ϕ 8

AS ONE
Original Brand



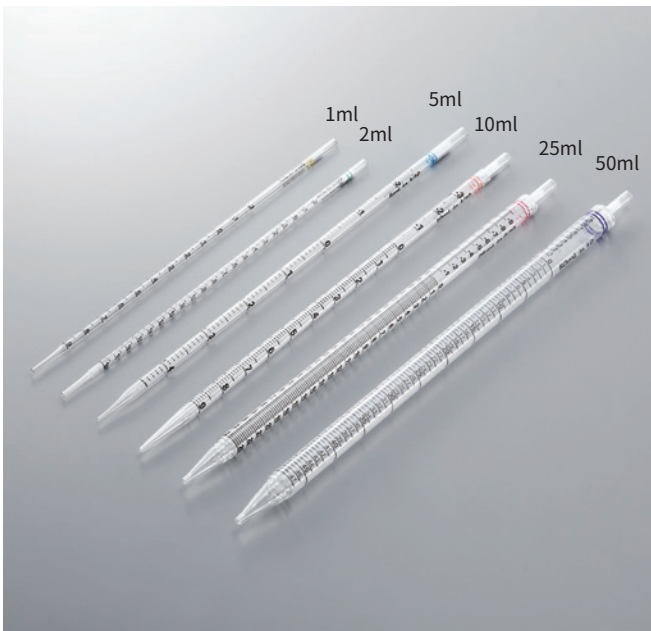
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VIOLAMO



Violamo Disposable Pipette II Easy-Open Package



Order No.	Capacity(ml)	Scale(ml)	Quantity
2-5237-11	1	0.01	1box((1 pc x 50packs)x20packs)
2-5237-12	2		
2-5237-03	5	0.1	1box((1 pc x 50packs)x4packs)
2-5237-04	10		
2-5237-05	25		
2-5237-06	50	0.5	1box((1 pc x 25packs)x4packs)

Feature

- It is divided into small bags.
- Easy to open peeling packaging (paper + plastic).



Violamo Disposable Pipette II Plastic Package



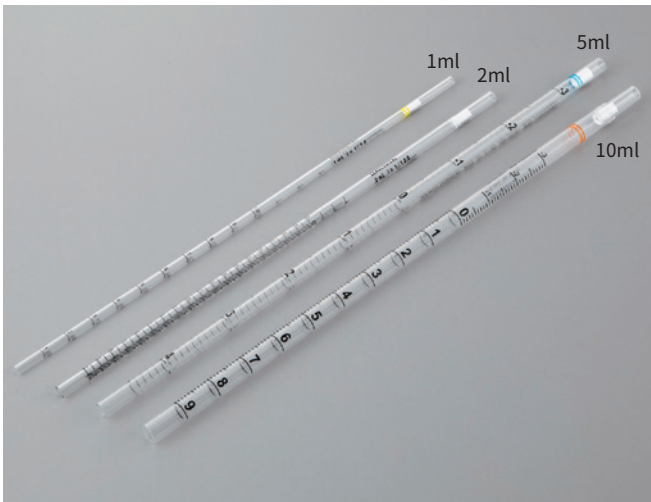
Order No.	Capacity(ml)	Scale(ml)	Quantity
2-5238-11	1	0.01	1box((1 pc x 100packs)x10packs)
2-5238-12	2		
2-5238-03	5	0.1	1box((1 pc x 50packs)x4packs)
2-5238-04	10		
2-5238-05	25		
2-5238-06	50	0.5	1box((1 pc x 25packs)x4packs)

Feature

- Plastic packaging convenient for separate disposal.

Common specification

- Material: PS (polystyrene)
- Pyrogen free
- DNase, RNase free
- γ ray sterilized (individual packaging)
- Scale accuracy: $\pm 2\%$



Violamo Open End Pipette



Order No.	Capacity (ml)	Scale (ml)	Diameter (mm)	Length (mm)	Quantity
4-4865-01	1	0.1	$\phi 4.5$	270	1box(1 pc/pack x 500packs)
4-4865-02	2	0.01	$\phi 6.3$		
4-4865-03	5	0.1	$\phi 8.2$	318	1box(1 pc/pack x 200packs)
4-4865-04	10		$\phi 9.7$		

※ Since the chemical resistance depends on the filtration condition, we recommend a pre-use test.

※ Please use this product for research and development purposes.

Feature

- The tip is not tapered, so it is hard to damage tissues.
- It can also be used for relatively viscous liquids.

Specification

- Material: PS
- With cotton plug
- Individual packaging
- Gamma Ray Sterilized (SAL 10 # -6 #)
- DNase, RNase, pyrogen-free

INSPECTION SHEET

English certificate, test report

AS ONE calibrate the control system (measured internal temperature, etc) and electro system before shipment.

English certificate, test report are available. Please contact us for more information.

Membrane Filter

NEW



Various types available!
Choose the one
that best suits your needs



Violamo Membrane Filter (MCE)

Order No.	Pore diameter(um)		-01	-02	-03	-04
	Diameter(mm)	Quantity	0.22	0.45	1.0	5.0
	4-6092	φ47				
4-6093	φ90	1box(50 pcs)				

※ Since the chemical resistance depends on the filtration condition, we recommend a pre-use test.
※ Please use this product for research and development purposes.

Feature

- MCE membranes are biologically inert and serve as standard products across various analytical and research fields.
- They are widely used for particle removal and filtration sterilization, spanning diverse testing applications to industrial sectors.

Specification (MCE)

Pore diameter	0.22μm	0.45μm	1.0μm	5.0μm
Porosity	78%			
Thickness	95μm			
Bubble point	≥0.30MPa	≥0.13MPa	≥6.0x10 ⁻² MPa	≥2.0x10 ⁻² MPa
Max Operating Temperature	75°C			



Violamo Membrane Filter (PES)

Order No.	Model	Pore diameter(um)	Diameter(mm)	Quantity
4-6094-01	PES022M047I	0.22	φ47	1box (100 pcs)
4-6094-02	PES045M047I	0.45		

※ Since the chemical resistance depends on the filtration condition, we recommend a pre-use test.
※ Please use this product for research and development purposes.

Feature

- PES membranes exhibit relatively low protein adsorption and are compatible with acidic and alkaline aqueous solutions.
- They are used for filtering high-viscosity aqueous solutions and other water-based solutions.

Specification

- Material: Polyethersulfone
- Porosity: 80%
- Thickness: 120 μm
- Bubble point: Pore diameter 0.22/≥0.33Mpa, 0.45/≥0.21Mpa
- Max Operating Temperature: 121°C



Violamo Membrane Filter (Hydrophilic PTFE)

Order No.	Pore diameter(um)		-01	-02	-03	-04
	Diameter(mm)	Quantity	0.22	0.45	1.0	5.0
	4-6095	φ47				
4-6096	φ90	1box(50 pcs)				

※ Since the chemical resistance depends on the filtration condition, we recommend a pre-use test.
※ Please use this product for research and development purposes.

Feature

- Hydrophilic PTFE membranes offer excellent chemical resistance and are compatible with both aqueous and organic solvent solutions.
- Hydrophilic PTFE membranes are compatible with aqueous solutions, various organic solvents, and strong acids.

Specification (Hydrophilic PTFE)

Pore diameter	0.22μm	0.45μm	1.0μm	5.0μm
Porosity	80%			
Thickness	190μm		150μm	200μm
Bubble point	≥0.10MPa	≥0.12MPa	≥6.0x10 ⁻² MPa	≥3.0x10 ⁻² MPa
Max Operating Temperature	121°C			



Violamo Membrane Filter (Hydrophobic PTFE)

Order No.	Model	Pore diameter(um)	Diameter(mm)	Quantity
4-6097-01	PTFE022M047O	0.22	φ47	1box(100 pcs)
4-6097-02	PTFE045M047O	0.45		

※ Since the chemical resistance depends on the filtration condition, we recommend a pre-use test.
※ Please use this product for research and development purposes.

Feature

- Hydrophobic PTFE membranes offer excellent chemical resistance and are compatible with various organic solvents, acids, and alkaline solutions (they do not allow water-based solutions to pass through due to their water-repellent properties).
- They are used for filtering various organic solvents, strong acids, strong alkaline solutions, as well as for filtering gases and vapors.

Specification

- Material: Hydrophobic PTFE
- Porosity: 80%
- Thickness(μm): 190
- Bubble point: Pore diameter 0.22/≥0.20Mpa, 0.45/≥0.10Mpa
- Max Operating Temperature: 121°C



Violamo Membrane Filter (Hydrophilic PVDF)

Order No.	Model	Pore diameter(um)	Diameter(mm)	Quantity
4-6098-01	PVDF022M047I	0.22	φ47	1box(100 pcs)
4-6098-02	PVDF045M047I	0.45		

※ Since the chemical resistance depends on the filtration condition, we recommend a pre-use test.
※ Please use this product for research and development purposes.

Feature

- Hydrophilic PVDF membranes exhibit low protein adsorption and are suitable for aqueous solutions and weak solvent systems.
- They are used for clarifying protein-containing solutions (aqueous systems) and for filtering aqueous solutions and alcohols.

Specification

- Material: Hydrophilic PVDF
- Porosity: 70%
- Thickness(μm): 125
- Bubble point: Pore diameter 0.22/≥0.40Mpa, 0.45/≥0.10Mpa
- Max Operating Temperature: 85°C

Syringe Filter

NEW



We offer a wide variety!

Features and uses of each material

Material of membrane	Feature	Usage example
Hydrophilic PTFE	Excellent chemical resistance, compatible with both aqueous and organic solvent solutions	Clarification of aqueous/organic solvent mixtures (e.g., HPLC pretreatment), filtration of aqueous solutions, various organic solvents, strong acid/alkali solutions, and alcohols
Hydrophobic PTFE	Excellent chemical resistance, compatible with various organic solvents, acids, and alkaline solutions	Filtration of various organic solvents, strong acids, strong alkalis, gases, and vapors
Hydrophilic PVDF	Very low protein adsorption, suitable for aqueous solutions and weak solvent systems	Clarification of protein-containing solutions (aqueous), filtration of aqueous solutions, weak solvents, and alcohols
PES	Low protein adsorption, suitable for aqueous solutions	Clarification of protein-containing solutions (aqueous), ion chromatography filters, filtration of high-viscosity aqueous solutions
Nylon	Excellent solvent resistance and strength, suitable for both aqueous and organic solvent solutions	Clarification of aqueous/organic solvent mixtures (e.g., HPLC pretreatment), filtration of aqueous solutions, various organic solvents, and alcohols
CA	Low protein adsorption, suitable for aqueous solutions	Clarification of protein-containing aqueous solutions, filtration of aqueous solutions and alcohols
Hydrophobic PP	Excellent solvent resistance, suitable for various organic solvents	Clarification and pretreatment of general solutions

Standard Type with PP Housing



Syringe Filter

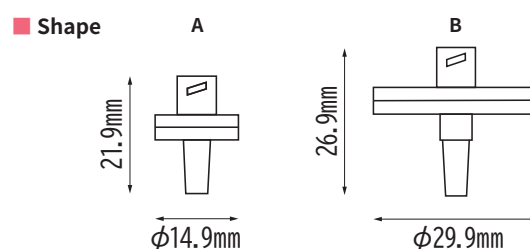
Order No.		-01	-02	-03	-04
		Filter diameter(mm)	φ13		φ25
	Pore diameter(um)	0.22	0.45	0.22	0.45
	Shape	A		B	
	Material of membrane				
4-6099	Hydrophilic PTFE				
4-6100	Hydrophobic PTFE				
4-6101	Hydrophilic PVDF				
4-6102	PES				
4-6103	Nylon				
4-6104	CA				
4-6105	Hydrophobic PP				

※ Since the chemical resistance depends on the filtration condition, we recommend a pre-use test.

※ Please use this product for research and development purposes.

Common Specification

- Material Housing: PP
- Max Operating Temperature: 45°C
- Effective Filtration Area(cm²): Diameter 13mm/0.65, 25mm/3.9
- Max Working Pressure(MPa): Diameter 13mm/0.7, 25mm/0.52
- Residual liquid volume(μL): Diameter 13mm/≤25, 25mm/≤100
- Connection: inlet/female luer lock, outlet/male luer lock
- Quantity: 1box(100 pcs)

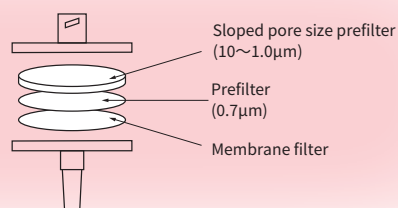




CHECK Features with a Pre-filter

The two-layer type incorporates a prefilter with a pore size of 1.0 μm, while the multi-layer type incorporates two types of prefilters: one with a gradient pore size of 10 to 1.0 μm and another with a pore size of 0.7 μm. GF-manufactured prefilters and membrane filters efficiently filter suspensions, high-viscosity liquids, and samples containing numerous particles.

< Structure diagram of multi-layer structure >



Includes one type of GF-manufactured pre-filter



Violamo 2 Layer Structure Syringe Filter

Order No	-01		-02	
	Filter diameter(mm)			
	Pore diameter(um)			
	Material of membrane			
4-6109	-		-	
4-6110	-		-	
4-6111	-		-	

※ Since the chemical resistance depends on the filtration condition, we recommend a pre-use test.

※ Please use this product for research and development purposes.



Equipped with two types of pre-filters for more efficient filtration



Violamo Multilayer Structure Syringe Filter

Order No.	-01		-02	
	Filter diameter(mm)			
	Pore diameter(um)			
	Material of membrane			
4-6106	-		-	
4-6107	-		-	
4-6108	-		-	

※ Since the chemical resistance depends on the filtration condition, we recommend a pre-use test.

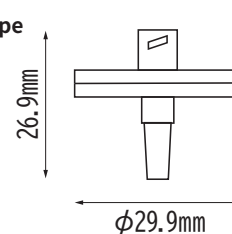
※ Please use this product for research and development purposes.



Common specification

- Material Housing: PP
- Max Operating Temperature(°C): 45
- Effective Filtration Area(cm²): 3.9
- Max Working Pressure(Mpa): 0.52
- Residual liquid volume: 150 μL or less
- Connection: inlet/female luer lock, outlet/male luer lock

Shape



Ideal for filtration of expectations and organic solvents, 50mm size



Violamo 50 mm Guard Filter (Air Vent Filter)

Order No.	Model	Pore diameter(um)	Filter diameter(mm)	Quantity
4-6112-01	AVF050S010	0.10	φ50	1box (10 pcs)
4-6112-02	AVF050S022	0.22		
4-6112-03	AVF050S045	0.45		
4-6112-04	AVF050S100	1.00		

※ Since the chemical resistance depends on the filtration condition, we recommend a pre-use test.

※ Please use this product for research and development purposes.

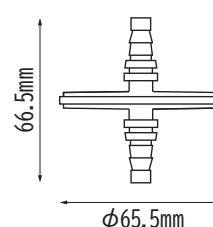
Specification

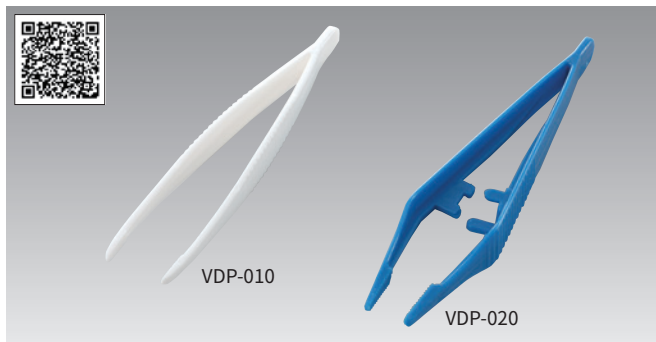
- Material: Membrane/Hydrophobic PTFE, Housing/Polycarbonate
- Max Operating Temperature(°C): 121
- Effective Filtration Area(cm²): 19.6
- Max Working Pressure(MPa): 0.27
- Connection Port: Step Hose Band (Outer Diameter φ7.0~13 mm)



Shape

Available tube size: O.D 7.0 to 13 mm





Violamo Sterilized Disposable Tweezers

Order No.	Model	Length(mm)
2-6706-01	VDP-010	120
2-6706-02	VDP-020	130

Feature

- Disposable type pyrogen-free tweezers useful for grasping specimens.

Specification

- Material: VDP-010/PS (polystyrene), VDP-020/ABS resin
- DNase, RNase, pyrogen free
- γ ray sterilized
- Quantity: 1 bag (individual packaging 50 pcs each)



Violamo Sample Collection Cup (with spoon)

Order No.	Model	Capacity(ml)	Quantity
2-6725-51	VSC-500	60	1box(10 pcs/pack x 50packs)
2-6725-01	VSC-10		1pack(1 pc/pack x 10packs)

Feature

- A wide type spoon is attached to the cap, so it is suitable for soil sampling.

Specification

- Material: PS (polystyrene)
- Sterilization: EOG sterilization

Cost-effective pestle for homogenizers



Violamo Homogenizer Pestle



Order No.	Model	Specification	Quantity
1-2955-01	R-1.5	For 1.5ml tube round-bottom	1pack (10 pcs)
1-2955-02	F-1.5	For 1.5ml tube flat-bottom	
1-2955-03	R-5.0	For 5ml tube	

Feature

- Competitive homogenizer pestle.
- For 5 mL tubes, it is suitable for the ViolaMo 5 mL Tube VIO-5B (2-4118-01, listed on p. 3).

Specification

- Material: PP (Polypropylene)
- γ ray sterilized
- DNase, RNase, DNA free

Combines low heat generation with powerful grinding, handling samples from trace amounts to large quantities.



Violamo Ultrasonic Homogenizer

Order No.	Model	Size(mm)
1-2976-01	SONICSTAR 85	195x310x170(excluding the protruding part)
1-2976-11	ST-2	ϕ 2mm tip
1-2976-12	ST-3	ϕ 3mm tip
1-2976-13	ST-4	ϕ 4mm tip
1-2976-14	Foot switch	

※ Ministry of Internal Affairs and Communications type approval acquired

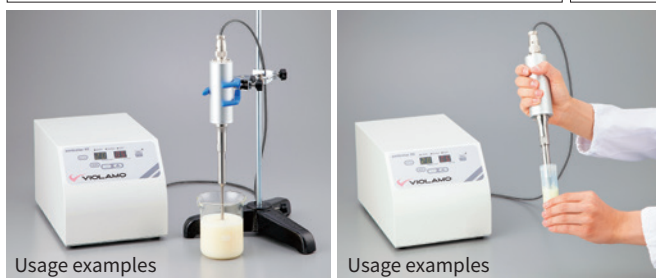
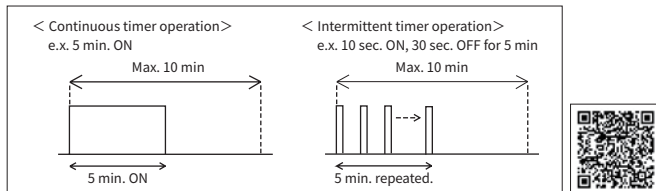
※ This product is intended for use in physical and chemical applications and cannot be used on hard samples such as minerals, metals and other plastics.

Feature

- Multi-model capable of handling small to large samples.
- Since the frequency search function works regularly, stable oscillation is possible even when the chip is worn.
- The output is automatically adjusted to maintain a constant amplitude in response to sample load fluctuations and changes in temperature and viscosity over time.
- Highly efficient crushing is possible, so sample denaturation due to heat is suppressed.
- Work efficiency can be improved by using an optional foot switch (sold separately).

Specification

- Max high-frequency output: 85W
- Oscillation frequency: 21kHz +/-1kHz
- With frequency search function
- Timer: Continuous operation (1 second - 10 minutes), intermittent operation (0.5 seconds - 5 minutes)
- Safety mechanism Overcurrent protection fuse (3A), tip consumption error display
- Power supply: 100VAC 50/60Hz 3A
- Weight(kg): Body/about 3.5, Oscillator/about 0.35
- Accessories: ϕ 3mm tip (made of titanium alloy), wrench x 2, stand, clamp



Suitable for primary gowns



Violamo Gamma Irradiated Wear (single-use)



Order No.	Model	Size	Adaptive height(cm)	Adaptation chest circumference(cm)	Quantity
2-818-01	VGW-01S	S	152~164	76~92	1box (1set x 20bags)
2-818-02	VGW-02M	M	158~170	84~104	
2-818-03	VGW-03L	L	164~182	92~112	
2-818-04	VGW-04XL	XL	170~188	96~124	

※We can issue gamma-ray sterilization certificates.

Feature

- γ-ray sterilized (15 kGy) suitable for primary gowns such as management spaces and clean rooms.
- It is flexible, breathable and has a good barrier effect.
- Each bag has a sterilized indicator.
- Clean processing is carried out after sewing.

Specification

- Material: SMS nonwoven fabric
- Grade: Class 10000
- Items: 1 set (Hooded Joins, Shoes Cover) / bag x 20 bag
- Gamma-ray sterilized (You can issue an irradiation certificate.)



Violamo Nitrile Glove

Order No.	Size	Palm width(mm)	Quantity
2-9016-01	L	107±4	1box (100 pcs)
2-9016-02	M	98±4	
2-9016-03	S	86±4	
2-9016-04	SS	76±4	

Feature

- Uses high quality nitrile rubber and has excellent durability and chemical resistance.
- Because it is made of ultra-thin material, it fits very well and has excellent operability.
- Fingertip embossing that does not slip easily even when wet.
- Because it is made of nitrile, it can be used safely by people with latex allergy.
- You have passed the pinhole test (AQL1.5).
- Clearing virus permeability test (ASTM F1671).
- Complies with ASTM and EN.

Specification

- Material: Nitrile rubber
- For both right and left
- Powder Free
- Length(mm): 240
- Palm thickness(mm): 0.07±0.02
- Fingertip thickness(mm): 0.1
- Glove strength(Mpa): 18.0
- Growth rate: 500%
- Chemo supported

Compatible with high-temperature (135°C) autoclaving



Violamo Autoclave Bag

Order No.	Model	Size(mm)	Quantity
1-1597-01	VOB5575	550x750	1box (100 pcs)
1-1597-02	VOB6080	600x800	

Feature

- The use of heat-resistant materials enables autoclaving at 135°C
- Pop-up type easy to take out one by one.

Specification

- Material: Heat resistant PP (polypropylene)
- Allowable temperature limit(°C): 140
- Thickness(mm): 0.05

It suppresses spread, making it easy to handle



Violamo Autoclave Bag(Gusset type)

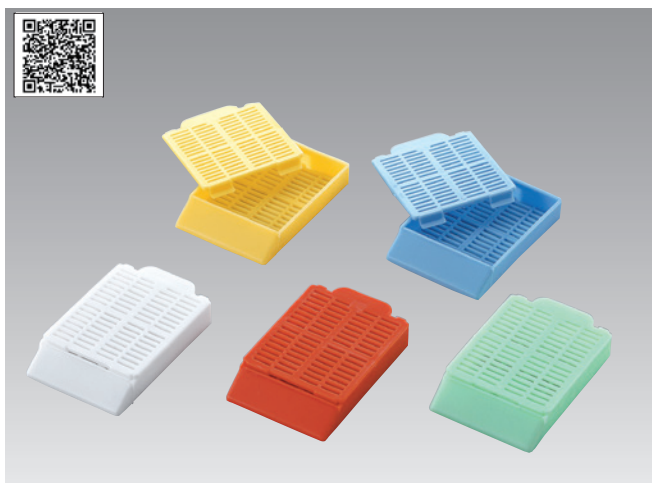
Order No.	Model	Vertical x horizontal size(mm)	Recommended basket diameter(mm)
2-4129-01	VOG1550	500x150	φ210
2-4129-02	VOG1960	600x190	φ270
2-4129-03	VOG2260	600x220	φ300

Feature

- With a gusset, the shape of the bag does not collapse, and you can put it in a basket or a trash can smoothly.
- Pop-up type easy to take out one by one.

Specification

- Material: Heat resistant PP (polypropylene)
- Allowable temperature limit(°C): 140
- Thickness(mm): 0.05
- Quantity: 1 bag (100 sheets)
- With paper tie 100 pcs



Violamo Embedding Cassette

Order No.	Model	Color	Quantity
2-6712-01	VEC-500W	White	1pack (500 pcs)
2-6712-02	VEC-500R	Red	
2-6712-03	VEC-500G	Green	
2-6712-04	VEC-500Y	Yellow	
2-6712-05	VEC-500B	Black	

Feature

- The slope of the writing area is approximately 45 degrees.

Specification

- Material: POM (polyacetal)
- Chemical liquid entry and exit hole size(mm): 0.9 x 5
- External dimensions(mm): 28 x 43.5 x 7
- Internal dimensions(mm): 26 x 29 x 5

Precautions

- Some services are available only in Japan.
- Export restrictions may be applied for some of the listed products.
- The appearance and specifications of the products are subject to change due to improvement without any notice in advance.
- The reprint or reproduction of this catalog is prohibited without our approval.
- The photographic color of a product on this catalog may be different from the actual product.

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Product Technical Supports

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(the contact address varies by your location)



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