Finelech FINETECH RESEARCH & **INNOVATION CORP.**



ABOUT US

Constantly researching and innovating...

Finetech Research and Innovation Corporation was established in 1999 and has been engaged in the gas and fluid filtration used in laboratories and the medical fields for many years. We concentrate on the researching, developing, and manufacturing of lab filters such as syringe filters, 50mm air/vent filters, pipette filters, gas analyzer filters, and customized filters.

In 2004, we were the first manufacturer of transducer protectors used in dialysis. In 2017, sales of transducer protectors had reached to over 30 million pieces/year. Our high quality and ISO 13485 certified transducer protectors has kept our customers satisfied for more than 14 years.

Manufactured in 2010, our syringe filter is designed to provide efficient filtration of aqueous and organic solutions. It can be used to remove particles from a sample prior to analysis by HPLC, for the filtration of gases, and for the removal of bacteria from a sample. Syringe filters are widely used in environmental, pharmaceutical, biotechnology, and agricultural testing laboratories.

In 2015, Finetech designed and manufactured caps, septa, and samples vials used in chromatography. We supply HPLC consumables to the global chromatography community in over 36 countries. We constantly innovate with releases of new lab consumables and medical devices every year. Some of the other products we manufacture are sterile syringe filter, membrane filters, centrifuge tube, glass microfiber filters, vacuum filtration system, and QuEChERS. To find out more, please visit our website "WWW.finetech-filters.com".

History

2021 Developed Racked Filters Tips, PCR Supplies, Cell Culture

- **Supplies and Petri Dishes**
- 2020 Produced Disposable Medical Masks
- 2019 Produced Bottle Top Filter Unit
- 2018 Researched and developed QuEChERS
- 2017 Produced 15mL & 50mL centrifuge tubes (sterile & non-sterile)
- 2016 New product launched sterile filtration cup
- 2015 Achieved ISO 9001. Received award of Conventional Industry Technology Development for Medical grade septa
- 2014 Started producing sterile syringe filters
- 2012 Produced the 1st 50mm air vent filters
- 2010 Produced the 1st syringe filters manufactured in a cleanroom
- 2008 Developed transducer protectors. 1st manufacturer in Asia
- 2005 Awarded the Medical Device award from Taiwan Government
- 1999 Finetech Research and Innovation Corporation established



China Office



Vietnam 1st factory









Taiwan Factory



New factory under construction in Vietnam

Product Timeline

Finerech

1999

Finetech Research and Innovation Corporation established.



2008

Developed autoclavable transducer protector.

2012

Produced the first 50mm air/vent filters in Taiwan.



Started production of vials for chromatography and environmental analysis. Achieved ISO 9001. Received award of Conventional Industry Technology Development for the medical grade septa.

2016

New product launched – sterile filtration cup.

2018

Researched and developed QuEChERS kit.

2020

Disposable Medical Masks

2004

2010

Developed transducer protectors. Was the first manufacturer in Asia.



Produced the first syringe filters manufactured in a cleanroom in Taiwan.(PureTech)



2014

Started producing sterile syringe filters.



Vacuum Pump & Vacuum Filtration System (Stainless Steel mainfold)

2017

Produced 15mL & 50mL centrifuge tubes (sterile & non-sterile)

2019

Bottle Top Filter Unit High flow rate Large filtration area DNase/RNase and pyrogen free.

2021



Rack Filter Tips & PCR Supplies

Contents

Α.	Syringe Filters/Air Filters	
	A1. Syringe Filters	.04
	A2. Air / Vent Filters	.08
	A3. Pipette Filters	.08
	A4. Gas Analyser Filters	.08
	A5. Three Hole Delivery Cap	.08
	A6. Filter Holder	.08
	A7. Automated Syringe Filters	.09
	A8. Solvent Safety Caps	.10

B. Membrane Filters

B1. Men	nbrane Filter	rs	 12
B2. Glas	ss Fiber Filte	ers	 12
B3. Glas	ss Fiber for	"TCLP'	 13
B4. Glas	ss Fiber for	"TSS"	 13
B5. Glas	ss Fiber for	"TSP"	 13

C. Vacuum Filtration System

C1.	Finetech® Vacuum Pump	14
C2.	Finetech [®] Glass Fiber Filter	16
C3.	Waste Container	16
C4 .	Filtration Set	17

C5. Bacteriological Petri Dishes18

D. Centrifuge Tubes

D1. Centrifuge Tubes	19
D2. 50ml Digestion Vessels	19

E. HPLCVials Caps&Septa	
E1. 2mL Vials & Caps (8-425)	20
E2. 2mL Vials & Caps (9-425)	20
E3. 2mL Crimp-Top Vials & Caps	21
E4. Micro Insert & Shell Vials	21
E5. 4mL Vials & Caps	22
E6. 8mL & 12mL Vials & Caps	22
E7. 10mL & 20mL Screw-Thread Vials & Caps	23
E8. 10mL & 20mL Crimp-Top Vials & Caps	23
E9. 20mL Vials, Scintillation	
E10. 20mL ~ 60mL Vials	24
E11. 9mm Plastic Micro Vials	25
E12. 9mm Glass Micro Vials	25

F. Accessories

F1.	Crimping &	Decrimping	g Tools	27
F2.	Vials Racks			27

G. Other Glasswares

G1. COD Test Tubes	28
G2. Glass Culture Tul	bes 28

H. Micropipettes & Tips

H1. Micropipettes	
H2. Pipette Tips	

A. Syringe Filters/Air Filters

A1. Syringe Filters

A1-1 PureTech[™] - Syringe Filters



① Membrane	2 Diameter	(3) Sterile	④ Pore size	5 Membrane characteristics
PVDF CA PTFE PE Nylon RC MCE GF	S 013=13mm 030=25mm	N(non-sterile)	022=0.22μm 045=0.45μm 100=1.0μm	I = hydrophilic O = hydrophobic
100pcs/pk Example: PTFI	$\frac{013}{2} \frac{N}{3} \frac{045}{4} \frac{I}{5} = 13m$	m, Hydrophilic P1	FE, 0.45um	

04

A1-2 MeTech[™] - Syringe Filters (Color Coding)

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





► Pore size: 0.22, 0.45, 1.0µm

► Housing material: PP

► Filtration ares: 0.06cm²

▶ Process Volume: 2mL



13mm

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



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

Ordering Information

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

A1-3 DualTech[™] - Syringe Filters





Layer 1 Glass prefilter(GF) down to 1 µm Layer

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

Layer 1 Layer 2

Ordering Information

Mem	brane	2 Diameter	③ Sterile	④ Pore size	5 Membrane characteristics	
PVDF PTFE Nylon MCE CA PES PP RC GF	P=PP G=GF	Puretech 013=13mm 030=25mm Metech 017=13mm 033=33mm	N (Non-Sterile) S (EO/GAMMA)	022=0.22µm 045=0.45µm	l = hydrophilic O = hydrophobic	
100pcs/pk						

Example: <u>PTFEG</u> <u>030</u> <u>N</u> <u>022</u> <u>O</u> = 25mm, Hydrophobic PTFE+GF, 0.22um

A1-4 TriTech[™] - Syringe Filter





Laver 1 Glass prefilter(GF) pore size from 10-1µm

HOUSE CONTRACTOR Layer 3 Nylon, PVDF, PTFE, etc. Filters down to 0.45µm or 0.2µm

Ordering Information

N	1	2	③	④	5
	Iembrane	Diameter	Sterile	Pore size	Membrane characteristics
PVDF PTFE Nylon MCE CA PES PP RC GF	2G = GF1+GF2	030 = 25mm	N (Non-Sterile) S (EO/GAMMA)	022=0.22µm 045=0.45µm	I = hydrophilic O = hydrophobic

Example: PTFE 2G 030 N 022 O = 1st Layer GF + 2nd layer GF + Hydrophobic PTFE, 25mm, 0.22um

Layer 3

A1-5 StarTech[™] - Sterile Syringe Filters

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

13mm

Ordering Information

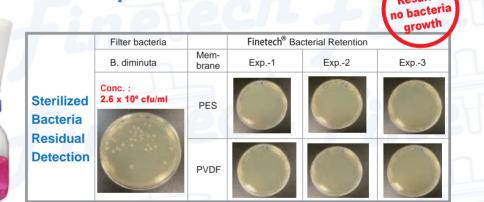
- Housing material: Medical grade polypropylene
- Pore Size: 0.22um, 0.45µm
 Outside diameter: 33mm
- Membrane diameter: 25mm
- High flow rate and throughput
- Low hold-up volume (less than 100µL)
- Low extractables
- Individual sterile blister pack

33mm

1		2	3	4	5
Memb	orane	Diameter	Sterile	Pore size	Membrane characteristics
PVDF PTFE Nylon MCE	CA PES RC GF	017=13mm 033=33mm	N (Non-Sterile) S (EO/GAMMA)	022=0.22µm 045=0.45µm	I = hydrophilic O = hydrophobic
13mm: 100	pcs/pk 33	3mm: 100pcs/pk			

fine ech

A1-6 Vacuum Driven Filter Cup Sterile



Characteristics

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



Product

- Model No. : ST-FC500
- Capacity: 500mL
- Filter Membrane: PVDF, PES
- Filter size: 47mm
- Filter pore size: 0.22, 0.45µm

Results:

- Filter area: 15.2cm²
- Residue: ≥3ml
- Package: 12pcs/box
- Disposable filter

√07

A2. Air / Vent Filters

XC

Part No.	Туре 1	Type 2	Туре 3	Type 4	Туре 5
Model No.	PTFE050N022O -PCA	PTFE050N022O -PCB	PTFE050N022O -PCC	PTFE050N022O -PCD	PTFE050N022C -PCE
Model No. (Sterile)	PTFE050S022O -PCA	PTFE050S022O -PCB	PTFE050S022O -PCC	PTFE050S022O -PCD	PTFE050S022C -PCE
Inlet	1/8" NPT	Stepped Hose Barb	Stepped Hose Barb	1/2" NPT	8mm Barbed
Outlet		1/8" NPT	Stepped Hose Barb	Stepped Hose Barb	8mm Barbed
Membrane	ecn	50	mm Hydrophobic PTFE		160
Air Flow Rate		1	8-20 LMP @ 1kg/cm ²		
Housing Diameter	65mm				
Housing Material	Polycarbonate (Standard) or Polypropylene				
Pore Size	0.22um(Standard), 0.45um, 1.0um or other pore sizes				

A3. Pipette Filters

A4. Gas Analyser Filters

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

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

A5. Three Hole Delivery Cap

- ► Finetech Bottle Cap Kit includes ((GL-45 Cap (White PTFE Body)) and two Peek Plugs
- ► Cap material: Polypropylene
- ► Cap color: Blue

47mm

- Body material: PTFE
- Body color: white
- ► Two 1/8" holes and one 1/16" hole for tubing
- ► Peek Plug Material: Polypropylene



13mm

25mm

Specifications

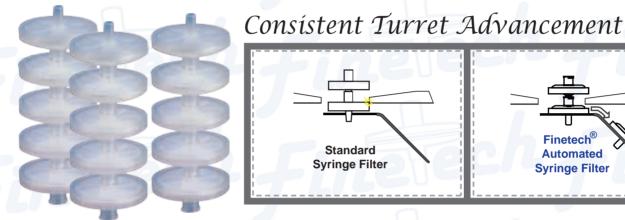
epeenioaaene			
Model No.	Holder-13	Holder-25	Holder-47
Materials	polypropylene		
Filter size	13mm	25mm	47mm
Filtration area	1.3cm ²	3.9cm ²	13.8cm ²
Pressure Rating (max)		2 bar	
Connections	Inlet & Outlet= Luer slip		
Autoclaving	20 m	ninutes at 12	21°C

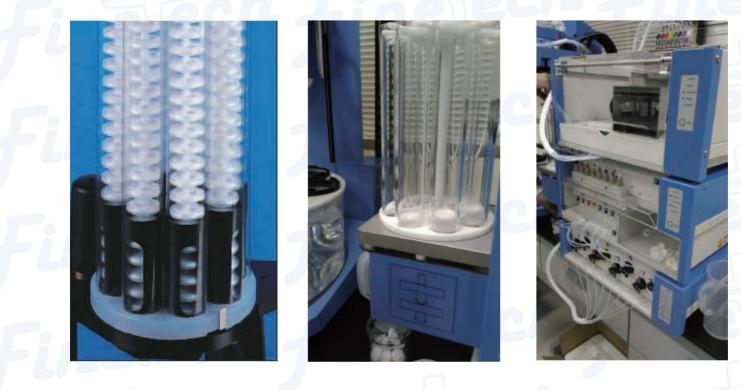
80

A7. Finetech[®] Automated Certified Syringe Filters

Ideal for HPLC and UPLC automated sample processing and sample clarification

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





A8. Finetech[®] Solvent Safety Caps A8-1 Solvent Safety Caps (GL-45) Protects solvents from outside contamination. Prevents evaporation of solvents. Protects the lab staff from hazardous fumes. Solvent SES-0111 **SES-0112** Air Filter **Outside Air Blocked Particulate Matter** Tube **One-way Check Valve Prevents Evaporation** ብ of Solvents **PFA Fitting** 11 **Airtight Seal** 11 **Free Rotating** SES-0113 **SES-0114** PTFE Body ŧ **Airtight Seal** Screw Cap

-

SES-0110

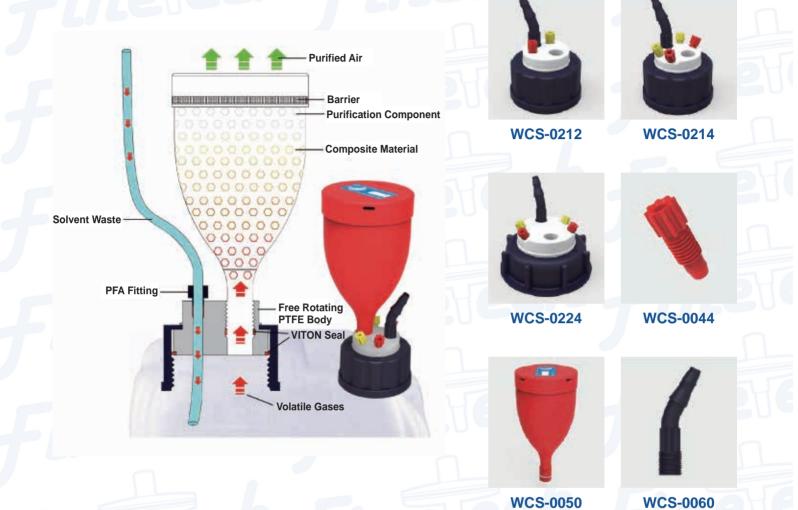
Model No.	Description	Packaging
SES-0111	Thread:GL45 Port No.: 1 Includes 1 vent valve with time strip	1pcs/pk
SES-0112	Thread:GL45 Port No.: 2 Includes 1 vent valve with time strip	1pcs/pk
SES-0113	Thread:GL45 Port No.: 3 Includes 1 vent valve with time strip	1pcs/pk
SES-0114	Thread:GL45 Port No.: 4 Includes 1 vent valve with time strip	1pcs/pk
SES-0115	Thread:GL45 Port No.: 5 Includes 1 vent valve with time strip	1pcs/pk
SES-0110	Replacement venting valve with time strip	1pcs/pk

Ordering Information

10



Purifies harmful volatile gases from the waste container. Protects lab staff from hazardous fumes.



Ordering Information

Model No.	Description	Packaging
WCS-0212	Thread:GL45 Port No.: 2 With barb connector and filter	1pcs/pk
WCS-0214	Thread:GL45 Port No.: 4 With barb connector and filter	1pcs/pk
WCS-0224	Thread:S60 Port No.: 4 With barb connector and filter	1pcs/pk
WCS-0050	Activated carbon exhaust filter	1pcs/pk
WCS-0060	PP hose barb connector for 6.4-9mm tube	1pcs/pk
WCS-0044	3.2 mm PFA fitting	1pcs/pk

B Membrane Filters

B1 Membrane Filters

FINETECH superior membrane disc filters provide consistent and reliable results. Optimized for HPLC media preparation, pharmaceuticals and cold sterilization, they are available in a variety of sizes and membranes. Membrane sizes from disc to roll can be customized.

Ordering Information

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

B2 Glass Fiber Filters

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

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

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

Micro-Glass Fibers without Binder

Binder-free micro-glass fiber filters

*A=10cm², flow velocity 400cm²/sec

B3 Glass Fiber Filter for "TCLP"

Ordering Information

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



Star ech

B5-1

PET pad, protecting the

filter during transportation.

Cross Reference

Finetech®	Whatman	E-D Scientific Specialities	Advantec
M-GF142N070M	GF/F	151	GF 75

B4 Glass Fiber Filter for "SS" or "TSS"

Ordering Information

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

Cross Reference

Finetech®	Whatman	E-D Scientific Specialities	PALL
M-GHA047N150M	934-AH	161	A/E

Standard Method 2540 D Suspended Solids

B5 Glass Filter for "TSP"

Ordering Information

0		
Model No.	M-GHA0810N150M	
Size	8" x 10" (20 x 25cm)	
Filter Material	Borosilicate glass without binder	
Nominal Pore Size	1.5µm	
Thickness	360~400µm	
Water Flow Rate mL/min/cm2 at 0.3 bar water	250	
Air Flow Rate mL/min/cm2 at 0.7 bar(70 kPa, 10psi)	60	
Maximum Operating Temperature	Air-550°C	
Typical Aerosol Retention	99.98%	
♦ Cross Reference	Lind	

Finetech® PALL Whatman M-GHA0810N150M EPM 2000 A/E



With printed numbers for easy tracking.

C Vacuum Filtration System



C1 Finetech[®] Vacuum Pump



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

- VS08
- High chemical resistance
- No air pollution, maintenance free
- Built-in thermal protection
- Low vibration, high horsepower
- High vacuum, high flow rate

Ordering Information

Model No.	VS	01	VS	08
Frequency	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Power(W)	7	0	560	
Vacuum(mmHg)	650		670	
Max Flow Rate(L/min)	22 18		110	90
Horse Power(HP)	0.1		0.7	75
Noise Level(dBA)	58		6	1
N.W.(kg)	4		501	1 1 1 1 1
LxWxH(cm)	20x1	5x19	35x2	1x26





VS400

- Low vibration and low noise emission
- Oil-less design, no pollution generated
- Built in thermal protection
- Compact and easy-to-carry design
- Rugged design and low maintenance required

Ordering Information

Model No.	VS	300	VS4	00
Frequency	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Power(W)	9	5	12	0
Vacuum(mmHg)	66	60	660	
Max Flow Rate(L/min)	24	19	40	32
Horse Power(HP)	1/8		1/6	6 5 5
Noise Level(dBA)	45		45	5
N.W.(kg)	3.6		5.5	5
LxWxH(cm)	26.7x1	1.3x15	33x13.	5x18

Vacuum Pump Comparison

Model No.	VS	501	VS	300	VS	400	VS	808
Frequency	110V/60Hz & 2			& 220V/50	Ηz			
Power(W)	7	70	g	5	12	20	50	60
Vacuum(mmHg)	650	± 6%	660	± 6%	660 :	± 6%	670	± 6%
Max Flow Rate(L/min)	22	18	24	19	40	32	110	90
Horse Power(HP)	1	/8	1	/8	1,	/6	3	/4
Noise Level(dBA)	Ę	58	4	5	4	5	6	51
N.W.(kg)		4	3	.6	5	.5	1	1
Dimensions (LxWxHcm)	20x2	15x19	26.7x1	1.3x15	33x13	3.5x18	35x2	1x26
Vacuum Adjustment	Yes							
Thermal Protection				Y	es			
Overflow Protection	١	No	Y	es	Y	es	N	lo

C2 Finetech [®] Glass Fiber Filter / Membrane Filter

* Specifications

Grade	Application			
MGC	For TSS or SS (Total suspended solids), 47mm Glass Fiber			
MG550 HA	For TSS or SS (Total suspended solids)			
M-MCE047G045I-G	47mm Pore Size:0.45µm Sterile, white membrane with black grid. Individual Pack			
M-MCE047G045I-GS	47mm Pore Size:0.45µm Sterile, white membrane with black grid. Continuous Pack			

C3 Waste Container

* Specifications

Model No.	Capacity	Material
GM-PC01	1L	PC
GM-PC02	2L	PC
GM-PC04	4L	PC
SB1801	1.8L	PS

C4 Filtration Set

◆ C4-1 : Stainless Steel Vacuum Filtration Set

- SUS316
- Excellent Chemical Resistance
- Individual Control Valve

Specifications

Model No.	Description	Package
SS-0289	0.3L stainless steel(316) funnel (Type A)	1set/Box
SS1R-0289-A	1-place stainless steel(316) manifold with pressure gauge, and 0.3L stainless steel funnel (Type A)	1set/Box
SS-0290	2-place stainless steel(316) manifold, 47mm with 0.3L SS funnel*2 (Type A)	1set/Box
SS-0291	3-place stainless steel(316) manifold, 47mm with 0.3L SS funnel*3 (Type A)	1set/Box
SS-0292	6-place stainless steel(316) manifold, 47mm with 0.3L SS funnel*6 (Type A)	1set/Box
SS1R-A	1-place stainless steel(316) manifold(Type A) with pressure gauge	1set/Box
SS2R-A	2-place stainless steel(316) manifold(Type A)	1set/Box
SS3R-A	3-place stainless steel(316) manifold(Type A)	1set/Box
SS6R-A	6-place stainless steel(316) manifold(Type A)	1set/Box
FC-MCE100G045I	EZ-Tech Sterile Disposable Filter Units, 100mL	24pcs/CTN
SS-100-PP-3R	3-place stainless steel(316) manifold with EZ-Tech 47mm Sterile disposable filter units with Lid, 47mm, 100mL*3	1set/box
SS-100-PP-6R	6-place stainless steel(316) manifold with EZ-Tech 47mm Sterile disposable filter units with Lid, 47mm, 100mL*3	1set/box



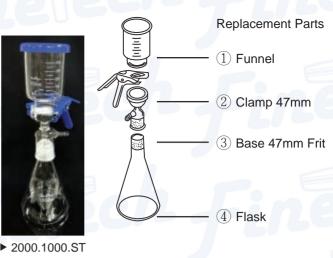
SS-100-PP-3R

▲ SS-0292

FC-MCE100G045I

C4-2 : 47mm Glass Filtration Set

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



Specifications

 Opecifications 			
Model No.	Des	cription	Package
2000.250.ST	Glass Funnel:300mL	Ground Joint Flask:250mL	1set/Box
	Filtration Diameter: 47mm	Size: 40/38	6sets/CTN
2000.500.ST	Glass Funnel:300mL	Ground Joint Flask:500mL	1set/Box
	Filtration Diameter: 47mm	Size: 40/38	6sets/CTN
2000.1000.ST	Glass Funnel:300mL	Ground Joint Flask:1000mL	1set/Box
	Filtration Diameter: 47mm	Size: 40/38	6sets/CTN
2000.2000.ST	Glass Funnel:300mL	Ground Joint Flask:2000mL	1set/Box
	Filtration Diameter: 47mm	Size: 40/38	4sets/CTN
2000.3000.ST	Glass Funnel:300mL	Ground Joint Flask:3000mL	1set/Box
	Filtration Diameter: 47mm	Size: 40/38	4sets/CTN
		More inoformation pleas	se visit our website

C4-3 : Sterile Bottle Top Vacuum Filter



Ordering Information

- Filter Membrane: PES, PVDF
- Capacity: 500mL
- Thread: GL-45
- Membrane Pore Size: 0.22µm, 0.45µm
- Membrane Diameter: 90mm
- Made in Taiwan quality

Model Number	Membrane	Diameter	Pore Size	PVDF	Packaging
FC-PVDF500G022I-90	PVDF	90mm	0.22um	Sterile Bottle Top Vacuum Filter Funnel Capacity: 500 ml Individually Packed	12pcs/CTN
FC-PVDF500G045I-90	PVDF	90mm	0.45um	Sterile Bottle Top Vacuum Filter Funnel Capacity: 500 ml Individually Packed	12pcs/CTN
FC-PES500G022I-90	PES	90mm	0.22um	Sterile Bottle Top Vacuum Filter Funnel Capacity: 500 ml Individually Packed	12pcs/CTN
FC-PES500G045I-90	PES	90mm	0.45um	Sterile Bottle Top Vacuum Filter Funnel Capacity: 500 ml Individually Packed	12pcs/CTN

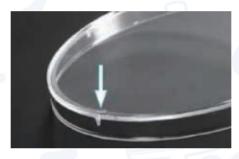
C5 Bacteriological Petri Dishes



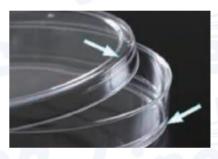
- Made of high quality polystyrene
- High degree of transparency for optimal analysis by microscopy
- Suitable for fungus, bacterial or other micro- organism culture
- Unique Vented lid for better gas exchange



Sterile Packaging



Unique Vented lid design for better gas exchange



Enhance the strength of edge

Specifications

Model No.	Description	Packaging
FT506	Petri Dish,15x90mm, Sterile	20pcs/pk, 500pcs/ctn
FT506-N	Petri Dish,15x90mm, Non-Sterile	20pcs/pk, 500pcs/ctn
FT504	Petri Dish,15x60mm, Sterile	26pcs/pk, 1040pcs/ctn
FT504-N	Petri Dish,15x60mm, Non-Sterile	26pcs/pk, 1040pcs/ctn

D Centrifuge Tubes

D1 Centrifuge Tubes



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



Specifications

	15mL	50mL
Bottom Graduation Range	0.1 ~ 1mL	_
Bottom Graduation Interval	0.1mL	- 6
Graduation Range	1.5 ~ 14.5mL	5 ~ 47.5mL
Graduation Interval	0.5 mL	2.5 mL
Autoclavable	_	121°C
Freezable	- 20°C	- 45°C
Maximum RCF	13,000xg	9,500xg
Sterility	EO/Gamma	EO/Gamma

D2 50ml Digestion Vessels

- Made from Virgin Polypropylene
- Excellent Visibility
- Graduated to 50mL and have a total 63mL capacity



Volume (mL)L	50mL
Tube & Cap Materia	Description
Tube Bottom Shape	Flat
Tube & Cap Color	Transparent
Description	50mL Digestion Cap, 500pk



E Vials, Caps & Septa



2mL Vials & Caps (9-425) **E2**

100pcs/pk

V9C

V9D

V9A

V9B SC9F9F-C SC9FF9F SC9A9A

Specifications

Model No.	Size	Description
V9A		2mL wide opening short screw-thread vial, clear
V9B		2mL wide opening short screw-thread vial with write-on spot, clear
V9C	11.6x32mm	2mL wide opening short screw-thread vial, amber
V9D		2mL wide opening short screw-thread vial with write-on spot, amber
SC9A9A		White PTFE/red Silicone septa, blue screw-thread pp cap, 6mm centre hole
SC9A9A-1		Blue PP screw cap with bonded white PTFE/red Silicone Septa
SC9A9A-N (NEW)		White PTFE/red Silicone septa, Gold managetic screw polypropylene cap, 6mm centre hole
SC9AA9A-2		Blue PP screw cap with bonded pre-slit white PTFE/red Silicone Septa
SC9F9F	Ф9mm	Natural PTFE/white Silicone septa, blue screw-thread pp cap, 6mm centre hole
SC9F9F-C (NEW)	¢9mm	Nature PTFE/whiteSilicone septa blue screw polypropylene cap, Close-Top
SC9FF9F (NEW)		Pre-slit natural PTFE/non-slit white Silicone septa, blue screw-thread pp cap, 6mm centre hole
SC9F9F-N(NEW)		9mm Nature PTFE/white Silicone septe gold (color) screw magnetic cap, 6mm center hole
S9A		White PTFE/red Silicone septa
S9B		Red PTFE/white Silicone septa
S9F		Natural PTFE/white Silicone septa
S9FF (NEW)		Pre-slit natural PTFE/non-slit white silicone septa

100pcs/pk

E3 2mL Crimp-Top Vials & Caps • Compatible with Shimadzu, Varian, and other autosampler • Caps are made of high quality aluminum

Specifications

Model No.	Size	Description
V11A	11.6x32mm	2mL wide opening crimp-top vial, clear
V11B		2mL wide opening crimp-top vial with write-on spot, clear
V11C	11.0x3211111	2mL wide opening crimp-top vial, amber
V11D		2mL wide opening crimp-top vial with write-on spot, amber
SC11A11B	Φ11mm	Pre-slit white PTFE/red Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole
SC11A11B-N		White PTFE/red Silicone septa,11 mm crimp -top magnetic cap, 5.5 mm centre hole
SC11A11A		White PTFE/red Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole
SC11F11A-1	Φ12x32mm	Non-slip Nature PTFE/White Silicone septa,11 mm crimp -top aluminum cap, 5.5 mm centre hole
SC11AA11A		Pre-slit white PTFE/red Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole

100pcs/pk

E4 Micro Insert & Shell Vials



Specifications

Model No.	Size	Description
IPA150	29x5mm	150µL Insert with mandrel interior and polymer feet, for ND8 Vials
IPB250	29x5.7mm	250µL Insert with mandrel interior and polymer feet, for ND9 Vials
IPB250-P	29x5.7mm	250µL Plastic Insert with mandrel interior and polymer feet, for ND9 Vials (200pcs/pk)
IA250	31x5mm	250µL Micro-Insert, clear glass, flat bottom, for ND8 Vials
IB300	31x6mm	300µL Micro-Insert, clear glass, flat bottom, for ND9 Vials
V18A	8.2x40mm	1mL shell vials, 1st hydrol glass, clear, 8mm PE-Plug, soft, without insertion

100pcs/pk



V13A		4mL screw-thread vial, clear
V13B	15x45mm	4mL screw-thread vial, clear with write-on spot
V13C	15x45mm	4mL screw-thread vial, amber
V13D		4mL screw-thread vial, with write-on spot, amber
SC13D13B		Natural PTFE/natural silicone speta, 13mm black screw PP cap, closed-top
SC13A13A	Φ13mm	White PTFE/red Silicone septa, 13mm black screw PP cap, 8.5mm centre hole
SC13AA13A	Ψ13i1iii	Pre-slit white PTFE/red Silicone septa, 13mm black screw PP cap, 8.5mm centre hole
S13A		White PTFE/red Silicone septa

100pcs/pk

22

E6 8mL & 12mL Vials & Caps

			V08A	V08C	V12A	V12C
			A	A	T	A
		SC15D15B				
					1000	
			-		-	
	ecre		0	6	0	0
Specification Model No.	IS Size	Dee	scription	6	0	
		Des 8mL screw-thread vial, clear, bor				
Model No.	Size		osilicate			
Model No. V08A	Size 17x60mm	8mL screw-thread vial, clear, bor	osilicate prosilicate			
Model No. V08A V08C	Size 17x60mm 17x60mm	8mL screw-thread vial, clear, bor 8mL screw-thread vial, amber, bo	osilicate prosilicate prosilicate			

GC Headspace Vials E7 10mL & 20mL Screw-Thread Headspace Vials & Caps Compatible with Shimadzu Varian, and other autosampler VA101A Caps are made of high quality aluminum SACA00A Specifications Model No. Size Description VA101A 22.5x46mm 10mL Clear precision screw-thread vial, round bottom VA201A 22.5x75.5mm 20mL Clear precision screw-thread vial, round bottom

E8 10mL & 20mL Crimp-Top Headspace Vials & Caps

SC20B20A

Blue PTFE/white silicone septa, 18mm magnetic precision screw-thread metal cap, 8mm centre hold

SBC20B20B

100pcs/pk

VH20A VH20B

100pcs/pk

VH10A VH10B

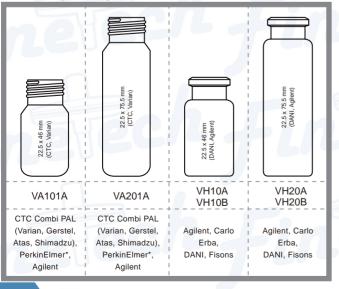
Specifications Model No. Size Description VH10A 22.5x46mm 10mL crimp headspace clear vial, flat bottom VH10B 22.5x46mm 10mL crimp headspace amber vial, flat bottom VH20A 22.5x75.5mm 20mL crimp headspace clear vial, flat bottom VH20B 22.5x75.5mm 20mL crimp headspace amber vial, flat bottom S20A 22x1.5mm Nature PTFE/nature silicone speta

C20AΦ20mmCrimp-top aluminum cap, 10mm centre holeSC20B20AΦ20mmNatural PTFE/Natural silicone septa, 20mm crimp-top aluminum cap, 10mm centre holeSBC20B20BΦ20mmNatural PTFE/Natural silicone speta, 20mm crimp-top blue magetic aluminum cap,10mm centre hole

Choosing the right Headspace Vials

SACA00A

Φ18mm



Headspace Vials and Closures

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

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

Storage Vials: EPA/Storage/VOA Vial



V20A22ET

SC22WPEET

E9 20mL Vials, Scintillation

Specifications

Model No.	Size	Description	
V20A22ET		20mL screw-thread vial, clear glass (22-400)	
V20B22ET	27x58mm	20mL screw-thread vial, amber glass (22-400)	
V20A24ET		20mL screw-thread vial, clear glass (24-400)	
SC22WPEET		White closed top PP cap + 22mm white PE septa (22-400)	PL/Le
SC22BPEET	Φ22mm	Black closed top PP cap + 22mm white PE septa (22-400)	
SC24WPEET	• ••••	White closed top PP cap + 24mm white PE septa (24-400)	
SC24BPEET	Φ24mm	Black closed top PP cap + 24mm white PE septa (24-400)	
			100pcs/pk

E10 20mL ~ 60mL Vials

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

Specifications

V20A	07.50	20mL screw-thread vial, clear glass (24-400)
V20B	27x58mm	20mL screw-thread vial, amber glass (24-400)
V30A	27x75mm	30mL screw-thread vial, clear glass (24-400)
V40A	27x95mm	40mL screw-thread vial, clear glass (24-400)
V40B	27,3501111	40mL screw-thread vial, amber glass (24-400)
V60A	27x140mm	60mL screw-thread vial, clear glass (24-400)
V60B	27 × 14011111	60mL screw-thread vial, amber glass (24-400)
SC22A22A	Ф22x3mm	Natural PTFE/Natural Silicone septa 22x3mm, 22mm white screw PP cap, 15mm centre hole (24-400)
SC22A22B	Ф22x1.5mm	Natural PTFE/Natural Silicone septa 22x1.5mm, 22mm white screw PP cap, closed-top (24-400)
SC22A22C	Φ22x3mm	Natural PTFE/Natural Silicone septa 22x3mm, 22mm black screw PP cap, 15mm centre hole (24-400)
SC22A22D	Φ22x1.5mm	Natural PTFE/Natural Silicone septa 22x1.5mm, 22mm black screw polypropylene cap, closed-top (24-400)
S22A-I	Φ22x3mm	Natural PTFE/Natural Silicone septa 22x3mm
S22A-II	Φ22x1.5mm	Natural PTFE/Natural Silicone septa 22x1.5mm

100pcs/pk

V60B

V60A

V40A

V30A

V40B

Why Choose VOA Vials?

VOA vials are specifically designed for use with volatile organic compounds. They are available in both clear and amber borosilicate glass and have a temperature range of -40°C to 125°C.

- Ready to use caps: no time-consuming assembly
- No contamination of the liner that is normally caused by manual assembly
- Available as closed top screw or with centre hole in white or black 24-400 caps
- Broad variety of different septa materials for almost all applications

E11 9mm Plastic Micro Vials





Product

- ▶ Product Name: 9mm Plastic Micro Vial
- Maximum capacity: 300µL
- ► Recommended capacity: 250µL

SC22A22A

SC22A22C

- ►Bottle height: 32mm
- Thread diameter: 9mm
- ► Bottom diameter: 11.6mm
- Material: Polypropylene (PP)
- Packing quantity: 100 pcs / box

Specifications

Model No.	Size	Description
VP9A	9x11.6mm	0.3mL Short thread micro injection sample vials, clear, Polypropylene
VP9C	9x11.6mm	0.3mL Short thread micro injection sample vials, amber, Polypropylene

100pcs/pk

SC22A22B

SC22A22D

E12 9mm Glass Micro Vials



Specifications



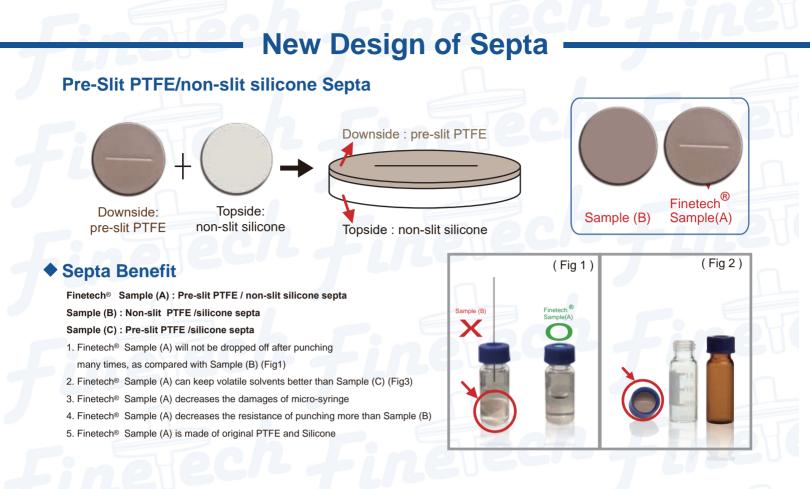


Product

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

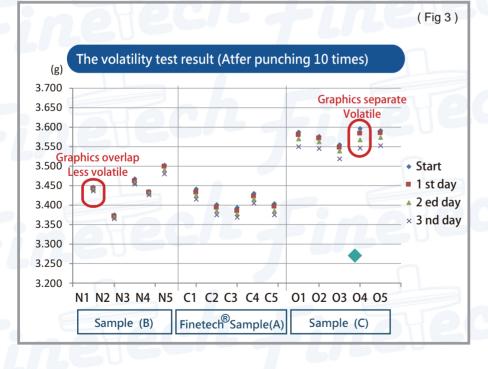
Model No.	Size	Description
VL9A	9x11.6mm	300µL thread fusion type vials, clear, borosilicate
VL9B	9x11.6mm	300µL thread fusion type vials, clear, write-on spot, borosilicate
VL9C	9x11.6mm	300µL thread fusion type vials, amber, borosilicate
VL9D	9x11.6mm	300µL thread fusion type vials, amber, write-on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

100pcs/pk



Test of Septa







Digital Tensile Strength Test Machine

26

- I. Septa and caps are assembled as (Fig2)
- ${\rm I\hspace{-1.5pt}I}$. Simulator : Use digital Tensile Strength Test Machine to measure the resistance force
- ${\rm I\!I}$. Measure the strength of a flat needle to punch septa
- IV. Resistance force of Finetech® Sample(A) : 0.17-0.21 kgf Resistance force of Sample (B) : 0.34-0.39 kgf

F Accessories

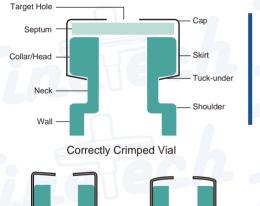
Hand Crimpers & Vial Racks

F1 Crimping and Decrimping Tools



Specifications

Model No.	Description	
HD11-S	hand crimper, with 11mm crimp seals for 2mL Crimp Top Vial	
HD11-0	hand decapper, with 11mm crimp open for 2mL Crimp Top Vial	
HD20-S	hand crimper, with 20mm crimp seals for 20mL Crimp Top Vial	ЪĒ
HD20-0	hand decapper, with 20mm crimp open for 20mL Crimp Top Vial	



Under Crimped Vial Over Crimped Vial

F2 Vials Racks

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



RV002

RV001

• 50 slots

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

Specifications

Model No.	Description
RV001	2mL vials rack(PP), 18.7x9.7x2.1 cm, 50 slots
RV002	4mL vials rack(PP), 23.6x11.6x2.8 cm, 50 slots

27

G Other Glasswares

G1 COD Test Tubes

For use in Chemical Oxygen Demand (COD) analysis to determine the amount of organic compounds in a water source. High optical glass quality for accurate colorimetric analysis.

Specification

- ► Capacity: 10mL
- Max Capacity: 12mL
- ► Height: 10±0.02cm
- Diameter: 1.58±0.02cm
- ► Neck Inner Diameter: 0.95±0.02cm
- ► Neck Outer Diameter: 1.50±0.02cm

Ordering Information

Model No.	Description	Package
Tube-T10R	Glass TestTube(screw top),Rounded Bottom 16mmX100mm, 250pcs/pk for C.O.D (5.0 Schott material)	600pcs/CTN
Tube-T10F	Glass TestTube(screw top),flat Bottom 16mmX100mm, 100pcs/pk (5.0 Schott material)	600pcs/CTN
Tube-T10R-C	PP screw cap with PTFE setpa for 16X100mm Glass Tube	600pcs/CTN

G2 Disposable Glass Culture Tubes

- Constructed of borosilicate 3.3 glass.
- Flat mouth or with rim available.
- With or without graduation.
- Flat bottom or with round bottom.

Ordering Information

Model No.	Description	Package
Tube-G12075	Glass Test Tube(culture), 12mmX75mm	2000pcs/CTN
Tube-G12100	Glass Test Tube(culture), 12mmX100mm	2000pcs/CTN
Tube-G13100	Glass Test Tube(culture), 12mmX100mm	2000pcs/CTN
Tube-G16100	Glass Test Tube(culture), 16mmX100mm	1000pcs/CTN
Tube-G15150	Glass Test Tube(culture), 15mmX150mm	1000pcs/CTN
Tube-G16125	Glass Test Tube(culture), 16mmX125mm	1000pcs/CTN
Tube-G16150	Glass Test Tube(culture), 16mmX150mm	1000pcs/CTN

More information please visit our website

Micropipettes & Tips

H1 Micropipettes

Key Features

- ► Available in the range of 0.1uL to 10mL
- ► Autoclavable 121°C (20min)
- Corrosion-resistant ceramic-piston and ejector

Product Description

Finetech's variable volume micropipettes are products of intensive ergonomic and operational studies and the application of modern innovative materials. They are the perfect manual pipettes for demanding laboratory applications and scientists who prefer central pipetting buttons. The micropipettes provide all of the features required by users working in the life sciences field. Robust, one-handed operation, easy to calibrate, completely autoclavable, with high precision and reliability.

The S Series micropipettes offers a ceramic piston for increased durability and corrosion resistance over the traditional plastic or metal pistons.

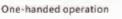
Lightweight-Accurate-Low force

The piston-operated micropipettes provides maximum versatility and optimum quality over the entire volume range. There are 8 single-channel pipettes available in the 0.1uL to 10mL range in variable volume.

Features

- ► Large central pipetting button and separate ejection function.
- ► One-handed operation for both right- and left-handers.
- Completely autoclavable at 121°C (20min).
- Volume-change protection.
- ► Vertical 4-position volume display, allows a clear view in either hand.
- Short stroke of only 12.5mm to reduce the risk of RSI (Repetitive Strain Injury).
- Corrosion-resistant ceramic-piston and ejector.
- Optimized standard design for the tip cone allows compatibility with a wide range of tips.







4-position volume display



Anticorrosion ceramic piston

29

Ordering Inforr	nation Contract Cont	
Model No.	Description	Package
MS-1H	Volume: 0.1-1µl, Increment 0.001µl A*≤±%: 2, CV*≤%: 1.2	1pcs/box
MS-10H	Volume: 0.5-10µl, Increment 0.01µl A*≤±%: 1, CV*≤%: 0.5	1pcs/box
MS-20H	Volume: 2-20µl, Increment 0.02µl A*≤±%: 0.8, CV*≤%: 0.4	1pcs/box
MS-50H	Volume: 5-50µl, Increment 0.05µl A*≤±%: 0.6, CV*≤%: 0.2	1pcs/box
MS-100H	Volume: 10-100µl, Increment 0.1µl A*≤±%: 0.6, CV*≤%: 0.2	1pcs/box
MS-200H	Volume: 20-200µl, Increment 0.2µl A*≤±%: 0.6, CV*≤%: 0.2	1pcs/box
MS-1000H	Volume: 100-1000µl, Increment 1µl A*≤±%: 0.6, CV*≤%: 0.2	1pcs/box
MS-5000H	Volume: 500-5000µl, Increment 5µl A*≤±%: 0.6, CV*≤%: 0.2	1pcs/box
MS-10000H	Volume: 1000-10000µl, Increment 10µl A*≤±%: 0.6, CV*≤%: 0.2	1pcs/box

H2 Pipette Tips

)





Model NO.	Description	Packaging 1000pcs/bag, 20000pcs/cs	
Tip-10	Clear tip for 10ul non sterile		
Tip-10L	Clear tip for 10ul non sterile, Low retention	1000pcs/bag, 20000pcs/cs	
Tip-200	Yellow tip for 200ul non sterile	1000pcs/bag, 20000pcs/cs	
Tip-200L	Clear tip for 200ul non sterile, Low retention	1000pcs/bag, 20000pcs/cs	
Tip-1000	Blue tip for 1000ul non sterile	1000pcs/bag, 5000pcs/cs	
Tip-1000L	Clear tip for 1000ul non sterile, Low retention	1000pcs/bag, 5000pcs/cs	
Tip-1250	Blue tip for 1250ul non sterile	1000pcs/bag, 5000pcs/cs	
Tip-1250L	Clear tip for 1250ul non sterile, Low retention	1000pcs/bag, 5000pcs/cs	
Tip-5000-A	clear tip for 5ml non sterilen, for Dragon, Eppendorf	300pcs/bag 3000pcs/cs	
Тір-5000-В	Clear tip for 5ml non sterile, for Finetech, Brand, Finn	300pcs/bag 3000pcs/cs	
Тір-5000-С	Clear tip for 5ml non sterile, for CAPP, Rainin, Gilson	300pcs/bag 3000pcs/cs	
Tip-10000	Clear tip for 10ml non Sterile 10000 15mm*160mm for Finetech,Gilson, Brand, Eppendorf, Dragon, Axygen, Labsystem, Ranin, Satorius		

FINETECH RESEARCH & INNOVATION CORP.



Company Profile

- Since 1999, Finetech Research and Innovation Corporation has been manufacturing and supplying laboratory consumables to various types of labs all over the world. With exports to over 40 countries, Finetech has become one of the leading provider for environmental, pharmaceutical, biological, and other testing laboratories
- Finetech began with the research & development and manufacturing of syringe filters and other filtration products. In keeping with our core principle of innovation, Finetech has expanded their product line to include lab equipment and other supplies to meet the needs of their customers.
- Finetech follows the principles of quality over quantity and good services for all.

The importance of quality can be seen in the use of quality imported materials and equipment, the use of a cleanroom, and the strict quality control standards.

bsi.

*****	······································

Contact us FINETECH RESEARCH & INNOVATION CORP.

Sample vials	 Glass fiber filters 	 Biochemical supplies 	 Syringe filters 	 Air filters
A Pine		342 3	Taipei	
THE THE IMPOUND	h	The second	Hsinchu	RUT
	·	China		
	111hmm	Office/factory	Taichung	~~~~~
モディー	and your yours	UFFICE	frank	
			The second se	\sim
	And I	Contraction of the second seco	Kaohsiung	~ /
				$\left(\left(\right) \right) =$
	V	lietnam		
		Office/factory		\sim
		· · · · · · · · · · · · · · · · · · ·		
	lac@finatach fi			

sales@finetech-filters.com \$ +886-977-216-648
line/whatsapp: +886-977-216-648 (Patrick)