

# Filtration Products



- Syringe Filter Manufacturer
- Vials/Caps/Septa Manufacturer
- Lab Consumables Manufacturer
- Laboratory Instruments



**VISIT US**

 [www.finetech-filters.com](http://www.finetech-filters.com)

# 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](http://www.finetech-filters.com)".

## History

- 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



Taiwan Factory



China Office



Vietnam Office



New factory under construction in Vietnam

# Product Timeline



**1999**

Finetech Research and Innovation Corporation established.



**2008**

Developed autoclavable transducer protector.



**2012**

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



**2015**

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.

**2004**

Developed transducer protectors. Was the first manufacturer in Asia.



**2010**

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



**2014**

Started producing sterile syringe filters.



**2015**

No air pollution & maintenance free. Quiet and low vibration. Chemical resistant.



**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.



# Contents

## A. 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. Finetech Automated Certified Syringe Filters .....09
- A8. Finetech Solvent Safety Caps .....10

## B. Membrane Filters

- B1. Membrane Filters .....12
- B2. Glass Fiber Filters .....12
- B3. Glass Fiber Filter for "TCLP" .....13
- B4. Glass Fiber Filter for "SS" or "TSS" .....13
- B5. Glass Filter 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 .....16

## D. Centrifuge Tubes

- D1. Centrifuge Tubes .....18
- D2. Free-Standing Centrifuge Tubes .....18

# A. Syringe Filters/Air Filters

## A1. Syringe Filters

### A1-1 PureTech™ - Syringe Filters

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



4mm

- ▶ Housing material: PP
- ▶ Filtration area: 0.12cm<sup>2</sup>
- ▶ Process Volume: 1mL
- ▶ Hold-up Volume: <10μL
- ▶ Pressure Bar (PSI): 5.2 Bar (75)
- ▶ Highest Temp. : 45°C



13mm

- ▶ Housing Material: PP
- ▶ Filtration area: 0.65cm<sup>2</sup>
- ▶ Process Volume: 10mL
- ▶ Hold-up volume: <25μL
- ▶ Pressure Bar(PSI): 7Bar (100)
- ▶ Highest Temp. : 45°C



25mm

- ▶ Housing Material: PP
- ▶ Filtration area: 3.9cm<sup>2</sup>
- ▶ Process Volume: 100mL
- ▶ Hold-up volume: <100μL
- ▶ Pressure Bar(PSI): 5.2Bar (75)
- ▶ Highest Temp. : 45°C



#### ❖ Ordering Information

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

## 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



4mm

- ▶ Housing material: PP
- ▶ Filtration area: 0.06cm<sup>2</sup>
- ▶ Process Volume: 2mL
- ▶ Pore size: 0.22, 0.45, 1.0µm



13mm

- ▶ Housing material: PP
- ▶ Filtration area: 0.65cm<sup>2</sup>
- ▶ Process Volume: 10mL
- ▶ Hold-up volume: <25µL
- ▶ Pressure Bar (PSI): 7Bar(100)
- ▶ Highest Temp. : 45 °C



33mm

- ▶ Housing material: PP
- ▶ Filtration area: 3.9cm<sup>2</sup>
- ▶ Process Volume: 100mL
- ▶ Hold-up volume: <100µL
- ▶ Pressure Bar (PSI): 5.2Bar(75)
- ▶ Highest Temp. : 45 °C



### ❖ Ordering Information

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

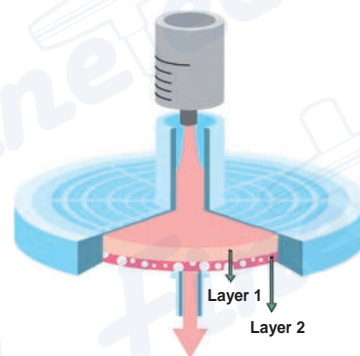
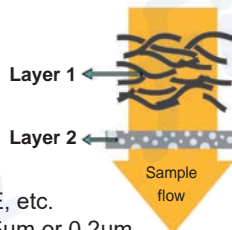
## A1-3 DualTech™ - Syringe Filters



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



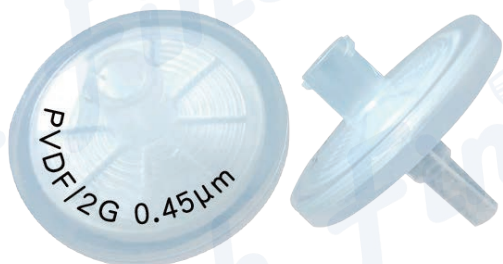
**Layer 2**  
Membrane filter  
Nylon, PVDF, PTFE, etc.  
Filters down to 0.45µm or 0.2µm



### Ordering Information

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

## A1-4 TriTech™ - Syringe Filter



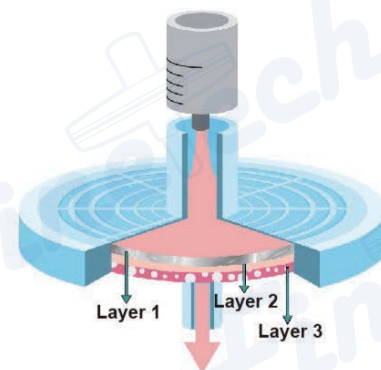
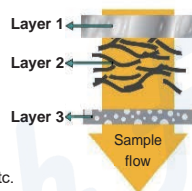
**Layer 1**  
Glass prefilter (GF)  
pore size from 10-1µm



**Layer 2**  
Glass prefilter (GF)  
down to 0.7µm



**Layer 3**  
Membrane filter  
Nylon, PVDF, PTFE, etc.  
Filters down to 0.45µm or 0.2µm



### Ordering Information

① Membrane		② Diameter	③ Sterile	④ Pore size	⑤ 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
<b>Example: <u>PTFE</u> <u>2G</u> <u>030</u> <u>N</u> <u>022</u> <u>O</u> = 1st Layer GF + 2nd layer GF + Hydrophobic PTFE, 25mm, 0.22µm</b>					

## A1-5 StarTech™ - Sterile Syringe Filters



13mm

- Housing material: Medical grade polypropylene
- Pore Size: 0.22µm, 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



33mm

- Housing material: Medical grade polypropylene
- Pore Size: 0.22µm, 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

### Ordering Information

① Membrane		② Diameter	③ Sterile	④ Pore size	⑤ 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: 100pcs/pk 33mm: 100pcs/pk					
<b>Example:</b> <u>PVDF</u> <u>033</u> <u>S</u> <u>022</u> <u>I</u> = 33mm, PVDF membrane, Sterile, 0.22µm					
①		②	③	④	⑤

## A1-6 Vacuum Driven Sterile Filter Cup



**Results:  
no bacteria  
growth**

Filter bacteria	Membrane	Finetech® Bacterial Retention		
		Exp.-1	Exp.-2	Exp.-3
B. diminuta	PES			
<b>Conc. : 2.6 x 10<sup>8</sup> cfu/ml</b> 		PVDF		

### 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
- Filter area: 15.2cm<sup>2</sup>
- Residue: ≥3ml
- Package: 12pcs/box
- Disposable filter





## A2. Air / Vent Filters

### ❖ Specifications

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

OEM Accepted

## A3. Pipette Filters



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

## A4. Gas Analyser Filters



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

## A6. Filter Holder



13mm

25mm

47mm

### ❖ Specifications

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

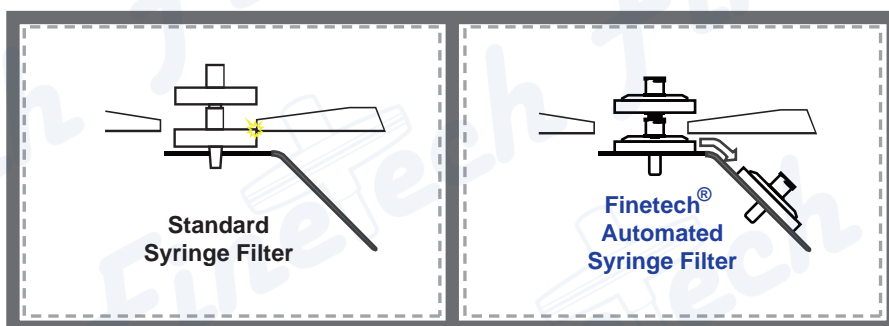
# A7. Finetech Automated Certified Syringe Filters

◆ 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.



## Consistent Turret Advancement



# 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.



SES-0111



SES-0112



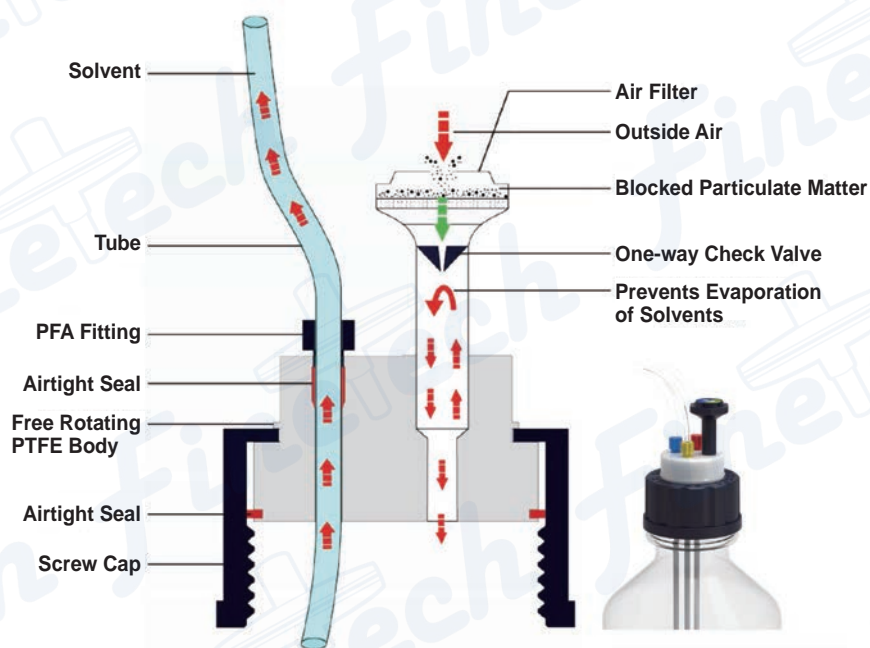
SES-0113



SES-0114



SES-0110

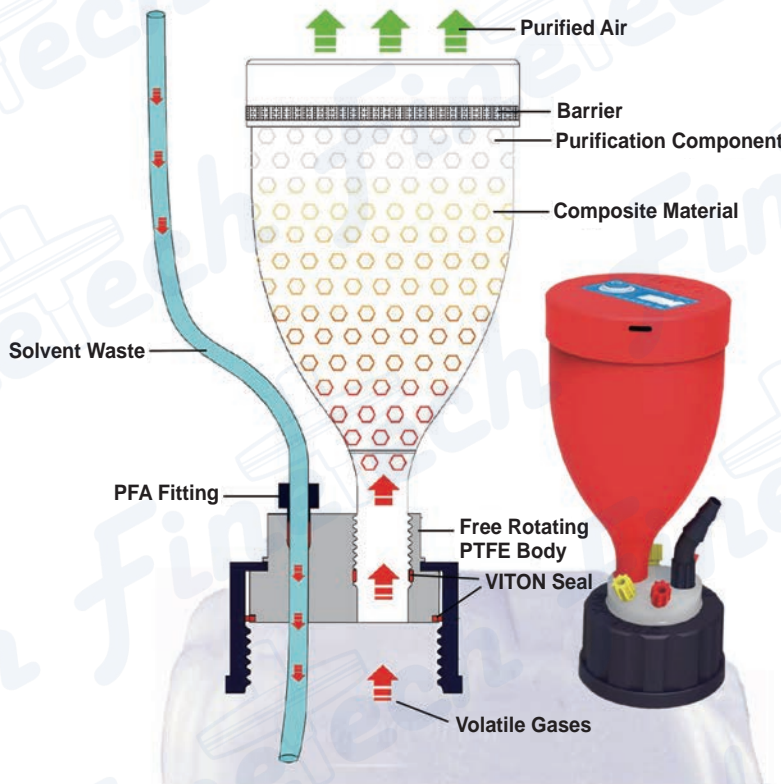


### ❖ Ordering Information

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

## A8-2 Solvent Safety Waste Caps

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



WCS-0212



WCS-0214



WCS-0224



WCS-0044



WCS-0050



WCS-0060

### Ordering Information

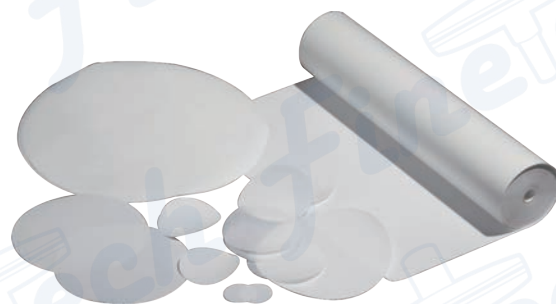
Model No.	Description	Packaging
WCS-0212	Thread:GL45 Port No.: 2 With barb connector and filter	1pcs/pk
WCS-0214	Thread:GL45 Port No.: 4 With barb connector and filter	1pcs/pk
WCS-0224	Thread:S60 Port No.: 4 With barb connector and filter	1pcs/pk
WCS-0050	Activated carbon exhaust filter	1pcs/pk
WCS-0060	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 M	① Membrane	② Diameter	③ Sterile	④ Pore size	⑤ Membrane characteristics
Membrane Disc	PVDF PTFE Nylon MCE CA PES PP RC GF	013=13mm 025=25mm 047=47mm 090=90mm 142=142mm 293=293mm	N(non-sterile) S(EO)	020=0.22µm 022=0.22µm 045=0.45µm 100=1.0µm 300=3.0µm 500=5.0µm	I = hydrophilic O = hydrophobic

Example: M-PVDF 047 N 045 I = 47mm, PVDF membrane, 0.45µm

① ① ② ③ ④ ⑤

## 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.

### Micro-Glass Fibers without Binder

Model No.	Basic Weight (g/m <sup>2</sup> )	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	-



■ Binder-free micro-glass fiber filters

\*A=10cm<sup>2</sup>, flow velocity 400cm<sup>2</sup>/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)

### 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/cm <sup>2</sup> at 0.3 bar water	250
Air Flow Rate mL/min/cm <sup>2</sup> 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

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/cm <sup>2</sup> at 0.3 bar water	250
Air Flow Rate mL/min/cm <sup>2</sup> at 0.7 bar(70 kPa, 10psi)	60
Maximum Operating Temperature	Air-550°C
Typical Aerosol Retention	99.98%

### Cross Reference

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



**B5-1**

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

**B5-2**

With printed numbers for easy tracking.

# C. Vacuum Filtration System



## C1 Finetech® Vacuum Pump



VS01

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



VS08

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

### Ordering Information

Model No.	VS01		VS08	
	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Frequency	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Power(W)	70		560	
Vacuum(mmHg)	650		670	
Max Flow Rate(L/min)	22	18	110	90
Horse Power(HP)	0.1		0.75	
Noise Level(dBA)	58		61	
N.W.(kg)	4		11	
LxWxH(cm)	20x15x19		35x21x26	



**VS300**



**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.	VS300		VS400	
	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Frequency				
Power(W)	95		120	
Vacuum(mmHg)	660		660	
Max Flow Rate(L/min)	24	19	40	32
Horse Power(HP)	1/8		1/6	
Noise Level(dBA)	45		45	
N.W.(kg)	3.6		5.5	
LxWxH(cm)	26.7x11.3x15		33x13.5x18	

❖ Vacuum Pump Comparison

Model No.	VS01	VS300	VS400	VS08
Frequency	110V/60Hz & 220V/50Hz			
Power(W)	70	95	120	560
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)	58	45	45	61
N.W.(kg)	4	3.6	5.5	11
Dimensions (LxWxHcm)	20x15x19	26.7x11.3x15	33x13.5x18	35x21x26
Vacuum Adjustment	Yes			
Thermal Protection	Yes			
Overflow Protection	No	Yes	Yes	No



## 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 MCE membrane filter, Sterile, White color, Black Gridded, individually 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



◀ SS-100-PP-3R

### ❖ Specifications

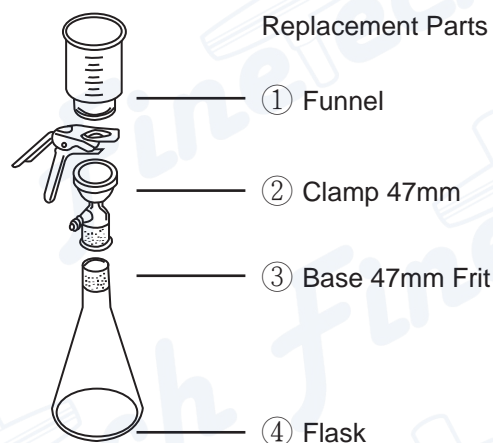
Model No.	Description	Package
SS-0289	0.3L stainless steel(316) funnel (Type A)	1set/Box
SS--1R-0289-A	1-place stainless steel(316) manifold with pressure gauge, and 0.3L stainless steel funnel (Type A)	1set/Box
SS-0290	2-place stainless steel(316) manifold, 47mm with 0.3L SS funnel*2 (Type A)	1set/Box
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
SS--1R-A	1-place stainless steel(316) manifold(Type A) with pressure gauge	1set/Box
SS--2R-A	2-place stainless steel(316) manifold(Type A)	1set/Box
SS--3R-A	3-place stainless steel(316) manifold(Type A)	1set/Box
SS--6R-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

### ◆ 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



► 2000.1000.ST



Replacement Parts

① Funnel

② Clamp 47mm

③ Base 47mm Frit

④ Flask

### ❖ Specifications

Model No.	Description		Package
2000.250.ST	Glass Funnel:300mL Filtration Diameter: 47mm	Ground Joint Flask:250mL Size: 40/38	1set/Box 6sets/CTN
2000.500.ST	Glass Funnel:300mL Filtration Diameter: 47mm	Ground Joint Flask:500mL Size: 40/38	1set/Box 6sets/CTN
2000.1000.ST	Glass Funnel:300mL Filtration Diameter: 47mm	Ground Joint Flask:1000mL Size: 40/38	1set/Box 6sets/CTN
2000.2000.ST	Glass Funnel:300mL Filtration Diameter: 47mm	Ground Joint Flask:2000mL Size: 40/38	1set/Box 4sets/CTN
2000.3000.ST	Glass Funnel:300mL Filtration Diameter: 47mm	Ground Joint Flask:3000mL Size: 40/38	1set/Box 4sets/CTN

More information please visit our website

### ◆ C4-3 : Vacuum Driven Sterile Filter cup



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

### ❖ Ordering Information

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

# 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	—
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 Free-Standing Centrifuge Tubes



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

### ❖ Specifications

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

# FINETECH RESEARCH & INNOVATION CORP.



website

## Company Profile

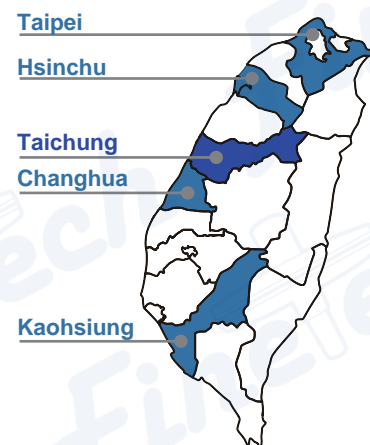
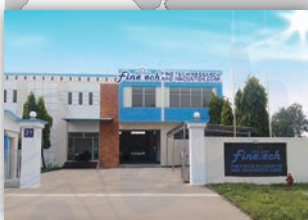
- Since 1999, Finetech Research and Innovation Corporation has been manufacturing and supplying laboratory consumables to various types of labs all over the world. With exports to over 40 countries, Finetech has become one of the leading provider for environmental, pharmaceutical, biological, and other 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.



Contact us

## FINETECH RESEARCH & INNOVATION CORP

- Sample vials
- Glass fiber filters
- Biochemical supplies
- Syringe filters
- Air filters



✉ [sales@finetech-filters.com](mailto:sales@finetech-filters.com) ☎ +886-977-216-648  
line/whatsapp: +886-977-216-648 (Patrick)