

Microbial Filtration



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



Sterile Syringe Filters



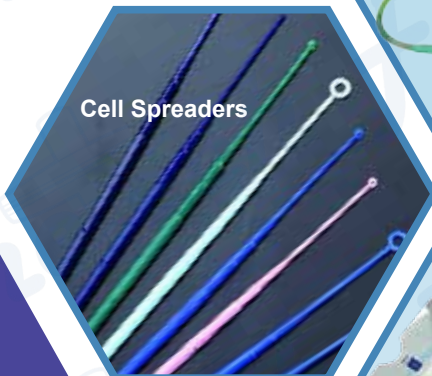
Serological Pipette



Centrifuge Tubes



Vacuum Filtration System



Cell Spreaders



MCE Membrane Filter



Glass Test Tube



NEW !!
Microbiological Monitors & Analytical Funnels (Sterile)

VISIT US

- 🏠 www.finetech-filters.com
- ✉ sales@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".

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



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A. Startech™ Sterile Syringe Filters

A1 Startech™ 13mm Sterile Syringe Filters



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

A2 Startech™ 33mm Sterile Syringe Filters



- Housing material : medical grade polypropylene
- Pore Size : 0.22um, 0.45um
- 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 CA	017=13mm	N (Non-Sterile)	022=0.22um	I = Hydrophilic
PTFE PES	033=33mm	S (EO/GAMMA)	045=0.45um	O = Hydrophobic
Nylon RC				
MCE GF				

13mm pack : 100pcs/pk 33mm pack : 100pcs/pk

Example : PVDF 033 S 022 I = 33mm, PVDF membrane, Sterile, 0.22um
① ② ③ ④ ⑤



B. Laboratory Filtration : Manifold



TypeA/B

- SUS316
- Excellent Chemical Resistance
- Individual Control valve

TypeA



6-Branch

TypeB



3-Branch

TypeC



3-Branch

TypeC

Microbiological Monitors & Analytical Funnels(Sterile)

Features and Benefits:

- **Time-saving:** Completely sterilized and ready to use funnel reduces the time needed for sterilizing after each use, allowing tests to be completed up to 3 times faster.
- **Complete system:** After filtration, product can be converted to a petri dish and incubated.
- **Easy to use:** Simple and ready to use immediately after opening.
- **Safe:** Individually packaged, sterile, and disposable means no fire hazards or biological hazards from aerosolization.
- **Multifunctional:** Removable base can be turned into petri dish for immediate incubation after filtration.
- **Reliable results:** Complete sterile and disposable system greatly reduces possibility of cross contamination and improves reproducibility of results.

Comes in two types:

Analytical Funnel: Disposable funnel. Removable membrane transferable to petri dish.

Microbiological Monitor: Fixed membrane in the removable base for conversion to petri dish.



Funnel Filter

- Cover : PP
- Funnel: PP
- Base: PP
- Membrane Size: $\phi 47\text{mm}$
- Funnel filter Capacity : 100ml
- Filtration area: 13.6cm²
- Sterilization: E.O or Gamma



❖ Ordering Information

Model No.	Description	Package	
TypeA	SS-0289	0.3L stainless steel(316) funnel	1set/ctn
	SS-0290	2-Branch stainless steel(316) manifold, 47mm with 0.3L SS funnel*2	1set/ctn
	SS-0291	3-Branch stainless steel(316) manifold, 47mm with 0.3L SS funnel*3	1set/ctn
	SS-0292	6-Branch stainless steel(316) manifold, 47mm with 0.3L SS funnel*6	1set/ctn
TypeB	SS-0363	EZ Lock 0.3L stainless steel(316) funnel	1set/ctn
	SS-0364	EZ Lock 47mm stainless steel(316) manifold, with 0.3L SS316 funnels	1set/ctn
	SS-0365	EZ Lock 3-place stainless steel(316) manifold, 47mm, with 0.3L SS funnel*3	1set/ctn
	SS-0366	EZ Lock 6-place stainless steel(316) manifold, 47mm, with 0.3L SS funnel*6	1set/ctn
TypeC	SS-100-PP	EZ-Tech Sterile Disposable Filter Units, 100 ml	24pcs/ctn
	SS-100-PP-3R	3-place stainless steel(316) manifold with EZ-Tech 47mm, Sterile disposable filter units with Lid, 47 mm, 100 ml*3	1set/ctn
	SS-100-PP-6R	6-place stainless steel(316) manifold with EZ-Tech 47mm, Sterile disposable filter units with Lid, 47 mm, 100 ml*6	1set/ctn

For more, please visit www.finetech-filters.com

C. Finetech® MCE Membrane Filter



C1



C2



C3

- C1 White membrane with black grid Individual Pack**
- C2 Black membrane with white grid Individual Pack**
- C3 White membrane with black grid Continuous Pack**

- Mixed cellulose esters is designed for microbiological analysis and provides maximum recovery of organisms.
- Unique gridline provides guidance for quantification of bacterial colonies without growth inhibition or enhancement.

❖ Specifications

Diameter	47mm
Pore Size	0.22µm, 0.45µm
Membrane Type	MCE
Sterilization	Gamma

❖ Ordering Information

Model No.	Description	Package
M-MCE047G045I-G	47mm Pore Size:0.45µm Sterile, white membrane with black grid. Individual Pack	100pcs/pk
M-MCE047G022I-G	47mm Pore Size:0.22µm Sterile, white membrane with black grid. Individual Pack	100pcs/pk
M-MCE047G045I-WG	47mm Pore Size:0.45µm Sterile, black membrane with white grid. Individual Pack	100pcs/pk
M-MCE047G022I-WG	47mm Pore Size:0.22µm Sterile, black membrane with white grid. Individual Pack	100pcs/pk
M-MCE047G045I-GS	47mm Pore Size:0.45µm Sterile, white membrane with black grid. Continuous Pack	150pcs/pk
M-MCE047G022I-GS	47mm Pore Size:0.22µm Sterile, white membrane with black grid. Continuous Pack	150pcs/pk



D. Finetech® Vacuum filtration system

D1 Finetech® Vacuum Driven Sterile Filter Cup (Bottle top filter)



- 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 (μm)	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 (μm)	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

D2 Finetech® Vacuum Pump

- High chemical resistance
- No air pollution, maintenance free
- Thermal protection device
- Low vibration/High vacuum
- High flow rate. High horsepower



❖ 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)	680		700	
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	

E. Centrifuge Tubes & Petri Dish

E1 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
- Clear graduations provide an easy volume reference

❖ Specifications

	15 mL	50mL
Bottom Graduation Range	0.1 ~ 1 mL	—
Bottom Graduation Interval	0.1 mL	—
Graduation Range	1.5 ~ 14.5 mL	5 ~ 47.5 mL
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

❖ Ordering Information

Model No.	Description	Package
ST-tube15-EO	Sterile 15mL Conical-Bottom Centrifuge Tubes	25pcs/pk, 20pks/ctn
ST-tube50-EO	Sterile 50mL Conical-Bottom Centrifuge Tubes	25pcs/pk, 20pks/ctn

E2 Petri Dish



- Made of highly transparent medical grade PS material.
- Used for fungus, bacteria and other microorganism culture.
- Superior production techniques for uniform thickness.
- Smooth and clean bottom allows for more precise quantitative analysis.
- Easy to stack up.
- Vent design for easy air exchange.
- E.O or Gamma sterilization available.

❖ Ordering Information

Model No.	Height	Specification	Qty per bag	Qty per case
FT503	13mm	Ø35mm	1/10/20	2300
FT504	15mm	Ø60mm	26	1040
FT505	15mm	Ø70mm	16	720
FT506	15mm	Ø90mm	10	500
FT506-2	13.8mm	Ø90mm	10	500
FT507	20mm	Ø150mm	1/20	125/120
FT508		Ø90mm (With Grid)	10	500
FT508-1		Ø90mm (With Grid)	26	1248
FT509		Ø90mm (Three-Compartment)	10	500



F. Inoculating Loop & Cell Spreaders

F1 Inoculating Loop

- Surface is treated with a special hydrophilic coating
- Multiple colors to distinguish different sizes of inoculating loops and inoculation needles
- The needle bar is slim and flexible and can be used for narrow or special-shaped containers
- DNase, RNase, and Pyrogen-free



Ordering Information

Model No.	Description	Package
FT509-1	Inoculating loop needle type, Non-sterile Bulk pack	1000pcs/bag, 10000pcs/ctn
	Inoculating loop needle type, 20 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop needle type, 10 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop needle type, 5 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop needle type, Individual pack, EO sterile	400 pcs/bag 4000pcs/ctn
FT510	Inoculating loop 1ul, Non-sterile Bulk pack	1000pcs/bag, 10000pcs/ctn
	Inoculating loop 1ul, 20 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 1ul, 10 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 1ul, 5 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 1ul, Individual pack, EO sterile	400 pcs/bag, 4000pcs/ctn
FT511	Inoculating loop 10ul, Non-sterile Bulk pack	1000pcs/bag, 10000pcs/ctn
	Inoculating loop 10ul, 20 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 10ul, 10 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 10ul, 5 pcs/bag, EO sterile	2000pcs/box, 4000pcs/ctn
	Inoculating loop 10ul, Individual pack, EO sterile	400 pcs/bag, 4000pcs/ctn

F1 Cell Spreaders

- Made of PS material. Ideal for keeping the cell or bacterial growth uniform on the surface.
- Available in ▽ , T and L type.
- Mellow and smooth on the surface to reduce harm to cells.



Ordering Information

Model No.	Description	Package
FT511-1	Cell spreader L type, non sterile, Bulk pack	600pcs/box, 6000pcs/ctn
	Cell spreader L type, EO sterile, Individual pack	500pcs/box, 2500pcs/ctn
	Cell spreader L type, EO sterile, 5 pcs pack	500pcs/box, 3000pcs/ctn
	Cell spreader L type, EO sterile, 10 pcs pack	5000pcs/ctn
FT511-2	Cell spreader T type, non sterile, Bulk pack	600pcs/box, 6000pcs/ctn
	Cell spreader T type, EO sterile, Individual pack	500pcs/box, 2000pcs/ctn
	Cell spreader T type, EO sterile, 5 pcs pack	5pcs/bag, 3000pcs/ctn
	Cell spreader T type, EO sterile, 10 pcs pack	10pcs/bag, 3000pcs/ctn
FT510-1	Cell scraper 18cm, Individual pack, EO sterile	1pcs/bag, 100pcs/box, 1000pcs/ctn
FT510-2	Cell scraper 25cm, Individual pack, EO sterile	1pcs/bag, 100pcs/box, 1000pcs/ctn
FT510-3	Cell lifter 18cm, Individual pack, EO sterile	1pcs/bag, 100pcs/box, 1000pcs/ctn

For more, please visit www.finetech-filters.com

G. Serological Pipette



Made of imported, high quality polystyrene (GPPS) in class 100,000 clean workshop. Novel aspiration area design can fit most of the pipettors on the market. Mainly used for accurate measure or transfer for certain volume liquid and is widely employed in the field of cell culture, bacteriology, clinical research, etc..

- Available in six capacities: 1.0ml, 2.0ml, 5.0ml, 10.0ml, 25.0ml, 50.0ml. Graduations are calibrated within $\pm 2\%$.
- 1.0ml, 2.0ml, 5.0ml pipettes are shaped by stretching method.
- 5.0ml, 10.0ml, 25.0ml, 50.0ml pipettes tips are welded to the tube by ultrasonic wave.
- Smooth and clean without drawing lines.
- Different colors correspond to different specification, easy to distinguish.
- Liquid adhesion to the inner walls maximally reduced, improving sampling accuracy.
- Excellent double-sided graduation design ideally meet with the demand for liquid adding or reducing.
- Clear and simple graduation.
- All serological pipettes are assembled with high quality filters.
- Strict integrity test on every pipette.
- Non-sterile or sterilized by Gamma or EO.
- DNase, RNase, and Pyrogen-free

❖ Ordering Information

Model No.	Description	Package
FT9010	Serological pipette 1ml, Individual pack and Gamma sterile	100pcs/box 2000pcs/ctn
FT9020	Serological pipette 2ml, Individual pack and Gamma sterile	100pcs/box 2000pcs/ctn
FT9050	Serological pipette 5ml, Individual pack and Gamma sterile	100pcs/box 1000pcs/ctn
FT9100	Serological pipette 10ml, Individual pack and Gamma sterile	100pcs/box 1000pcs/ctn
FT9250	Serological pipette 25ml, Individual pack and Gamma sterile	100pcs/box 800pcs/ctn
FT9500	Serological pipette 50ml, Individual pack and Gamma sterile	75pcs/box 600pcs/ctn



H. Cryotubes



Finetech cryotubes are made of medical grade PP material and are the ideal lab consumable for biological sample storage. In the gas situation of liquid nitrogen, it can withstand temperature as low as -196°C . Silicone gel O-ring in the cap ensures no leakage, even in the standard lowest storing temperature, which will guarantee the sample's safety. Different inserted color top will help with identification. White writing area and clear graduation make the mark and volume calibration more convenient. Maximum RCF:17,000xg

- External screw cap can reduce the contamination probability during sample treatment.
- Cryotube with internal screw cap is for freezing samples in gas situation of liquid nitrogen.
- Large white writing area allows easy marking.
- Round bottom design is good for pouring liquids out with little residual.



❖ Ordering Information

Model No.	Description	Package
Cryo-y01	0.5ml 2D Barcode Cryogenic Vials	100pcs/pk, 5pks/bx, 10bx/ctn
Cryo-y06	0.5ml Cryogenic vials without O-rings	100pcs/pk, 5pks/bx, 10bx/ctn
Cryo-y07	1.5ml Cryogenic vials without O-rings	100pcs/pk, 5pks/bx, 10bx/ctn
Cryo-001	0.5ml Cryogenic vials	1000pcs/pk, 10pks/ctn
Cryo-001B	1.5ml Cryogenic vials	1000pcs/pk, 10pks/ctn
Cryo-001B-2	1.0ml Cryogenic vials	1000pcs/pk, 10pks/ctn
Cryo-002-2	1.5ml AMBER Cryovials with chain	1000pcs/pk, 10pks/ctn
Cryo-002A-1	1.5ml Conical Cryovials	1000pcs/pk, 10pks/ctn
Cryo-002A-2	1.5ml AMBER Conical Cryovials	1000pcs/pk, 10pks/ctn
Cryo-002B-1	2ml flat bottom cryovials	1000pcs/pk, 10pks/ctn
Cryo-006	2.0ml round bottom cryogenic vials	1000pcs/pk, 10pks/ctn
Cryo-009C	5ml cryogenic vials(with ring and graduation)	300pcs/pk, 10pks/ctn
Cryo-0010	7ml cryogenic vials	200pcs/pk, 12pks/ctn

For more, please visit www.finetech-filters.com



I. Glass Test Tube

I1 Flat Glass Test Tube

- Made of borosilicate glass
- Rounded U-shape bottom
- Autoclavable



❖ Ordering Information

Model No.	Outer dimension	Package
Tube-G10075	Ø10x75mm	250pcs/pk, 2000pcs/ctn
Tube-G10100	Ø10x100mm	250pcs/pk, 2000pcs/ctn
Tube-G12075	Ø12x75mm	250pcs/pk, 2000pcs/ctn
Tube-G12100	Ø12x100mm	250pcs/pk, 2000pcs/ctn
Tube-G13100	Ø13x100mm	250pcs/pk, 2000pcs/ctn
Tube-G16100	Ø16x100mm	250pcs/pk, 1000pcs/ctn
Tube-G15150	Ø15x150mm	250pcs/pk, 1000pcs/ctn
Tube-G16125	Ø16x125mm	250pcs/pk, 1000pcs/ctn
Tube-G16150	Ø16x150mm	250pcs/pk, 1000pcs/ctn
Tube-G18150	Ø18x150mm	100pcs/pk, 600pcs/ctn
Tube-G18180	Ø18x180mm	100pcs/pk, 600pcs/ctn
Tube-G20150	Ø20x150mm	100pcs/pk, 600pcs/ctn
Tube-G20200	Ø20x200mm	100pcs/pk, 600pcs/ctn
Tube-G25150	Ø25x150mm	100pcs/pk, 400pcs/ctn
Tube-G25200	Ø25x200mm	100pcs/pk, 400pcs/ctn

I2 Glass Test Tube With Screw Thread

- Made of borosilicate glass
- Rounded U-shape bottom
- Autoclavable
- Screw caps not included. Contact to request



❖ Ordering Information

Model No.	Description	Package
Tube-GT8A	Glass Test Tube(screw top) Rounded Bottom 13mmX100mm	1000pcs/ctn
Tube-GT10	Glass Test Tube(screw top) Rounded Bottom 16mmX100mm	1000pcs/ctn
Tube-GT10A	Glass Test Tube(screw top) Rounded Bottom 16mmX125mm	1000pcs/ctn



FINETECH RESEARCH & INNOVATION CORP.



LINE



WEBSITE

Company Profile

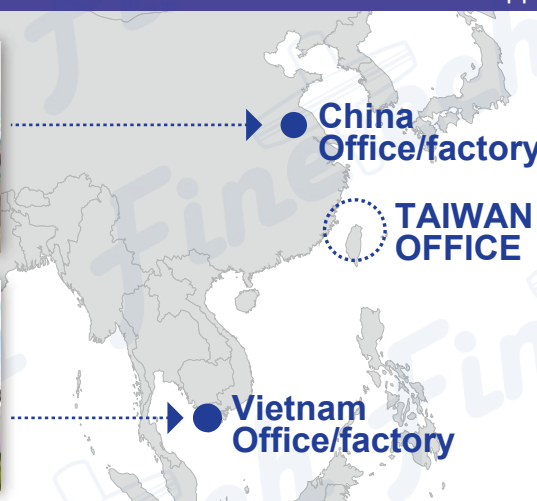
- Since 1999, Finetech Research and Innovation Corporation has been manufacturing and supplying laboratory consumables to various types of labs all over the world. With exports to over 40 countries, Finetech has become one of the leading provider for environmental, pharmaceutical, biological, and other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



China
Office/factory

TAIWAN
OFFICE

Vietnam
Office/factory

Taipei

Hsinchu

Taichung

Changhua

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