

Promotion List

15th JUN - 31st AUG 2022

SPECIAL

**10%
OFF**

OFFER

SHOP NOW!

- ✓ Syringe filters
- ✓ Membrane Filter
- ✓ Vacuum Driven Sterile Filter cup
- ✓ Filtration Set
- ✓ Vacuum Pumps



Syringe filters

Feature of various membrane materials in syringe filter

CA (Cellulose Acetate)	MCE (Mixed Cellulose Ester)	PES (Polyethersulfone)	Nylon (Polyamide)	PVDF (Polyvinylidene Fluoride)	Hydrophobic PTFE (Polytetrafluoroethylene - Hydrophobic)	Hydrophilic PTFE (Polytetrafluoroethylene - Hydrophilic)
Hydrophilic					Hydrophobic	Hydrophilic
Low protein binding	High protein binding	Low protein binding			High chemical compatibility	
*For filtration of aqueous solutions *Good for applications involving culture media	*Good for general filtration of aqueous solutions	*High flow rate *Good for life science applications	*Filtering of general samples and organic solvents *Not recommended for use with acids	*High flow rate *Good chemical compatibility	*High temperature resistance *Good for filtration of gases, aggressive chemicals, and strong acids	
pH Range: 4-8	pH Range: 4-8	pH Range: 3-12	pH Range: 6-13	pH Range: 3-12	pH range: 1-14	
Highest Temp : 45°C / Housing : Virgin medical grade polypropylene (PP) / With luer lock inlet for a more secure fit						

Selection Guide

Non-sterile

Sterile

Clear color

PureTech

4mm 13mm 25mm

Process Volume : 1ml 10ml 100ml

Pore Size: 0.22µm and 0.45µm

PureTech

13mm 25mm

Process Volume : 10ml 100ml

Pore Size: 0.22µm and 0.45µm

Color

MeTech

4mm 13mm 33mm

Process Volume : 1ml 10ml 100ml

Pore Size: 0.22µm and 0.45µm

StarTech

13mm 33mm

Process Volume : 10ml 100ml

Pore Size: 0.22µm and 0.45µm

Application notes of syringe filter

Type of Filtration	Recommended	Alternatives
HPLC · UHPLC · LC/MS · GC (Sample pretreatment)	PTFE	PVDF / Nylon
Undiluted organic solvents	PTFE	PVDF / Nylon
Protein analysis · Samples with biomolecules-Buffer	PES	CA / MCE / PVDF
Tissue culture media	PES	CA
High particle-load sample – Organic solvents	Hydrophobic PTFE	PTFE / PVDF
High particle-load sample – Aqueous solvents	Nylon	-



PureTech Non-sterile, Clear color



PureTech sterile, Clear color



CA

Model No.	Description	Package	Price* (THB)	Promotion
CA004N022I	Diameter:4mm	200pcs/PK	3,290	2,961
CA004N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	3,290	2,961
CA013N022I	Diameter:13mm	100pcs/PK	790	711
CA013N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	790	711
CA030N022I	Diameter:25mm	100pcs/PK	1,150	1,035
CA030N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,150	1,035

PES

Model No.	Description	Package	Price* (THB)	Promotion
PES004N022I	Diameter:4mm	200pcs/PK	3,850	3,465
PES004N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	3,850	3,465
PES013N022I	Diameter:13mm	100pcs/PK	850	765
PES013N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	850	765
PES030N022I	Diameter:25mm	100pcs/PK	1,150	1,035
PES030N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,150	1,035

Nylon

Model No.	Description	Package	Price* (THB)	Promotion
Nylon004N020I	Diameter:4mm	200pcs/PK	3,850	3,465
Nylon004N045I	Pore Size:0.20µm&0.45µm	200pcs/PK	3,850	3,465
Nylon013N020I	Diameter:13mm	100pcs/PK	850	765
Nylon013N045I	Pore Size:0.20µm&0.45µm	100pcs/PK	850	765
Nylon030N020I	Diameter:25mm	100pcs/PK	1,150	1,035
Nylon030N045I	Pore Size:0.20µm&0.45µm	100pcs/PK	1,150	1,035

Hydrophilic PVDF

Model No.	Description	Package	Price* (THB)	Promotion
PVDF004N022I	Diameter:4mm	200pcs/PK	4,090	3,681
PVDF004N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	4,090	3,681
PVDF013N022I	Diameter:13mm	100pcs/PK	950	855
PVDF013N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	950	855
PVDF030N022I	Diameter:25mm	100pcs/PK	1,190	1,071
PVDF030N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,190	1,071

Hydrophobic PTFE

Model No.	Description	Package	Price* (THB)	Promotion
PTFE004N022O	Diameter:4mm	200pcs/PK	4,150	3,735
PTFE004N045O	Pore Size:0.22µm&0.45µm	200pcs/PK	4,150	3,735
PTFE013N022O	Diameter:13mm	100pcs/PK	1,050	945
PTFE013N045O	Pore Size:0.22µm&0.45µm	100pcs/PK	1,050	945
PTFE030N022O	Diameter:25mm	100pcs/PK	1,250	1,125
PTFE030N045O	Pore Size:0.22µm&0.45µm	100pcs/PK	1,250	1,125

Hydrophilic PTFE

Model No.	Description	Package	Price* (THB)	Promotion
PTFE004N022I	Diameter:4mm	200pcs/PK	4,350	3,915
PTFE004N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	4,350	3,915
PTFE013N022I	Diameter:13mm	100pcs/PK	1,050	945
PTFE013N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,050	945
PTFE030N022I	Diameter:25mm	100pcs/PK	1,250	1,125
PTFE030N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,250	1,125

CA

Model No.	Description	Package	Price* (THB)	Promotion
CA013S022I	Diameter:13mm	100pcs/PK	2,050	1,845
CA013S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,050	1,845
CA030S022I	Diameter:25mm	100pcs/PK	2,350	2,115
CA030S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,350	2,115

PES

Model No.	Description	Package	Price* (THB)	Promotion
PES013S022I	Diameter:13mm	100pcs/PK	2,090	1,881
PES013S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,090	1,881
PES030S022I	Diameter:25mm	100pcs/PK	2,390	2,151
PES030S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,390	2,151

Nylon

Model No.	Description	Package	Price* (THB)	Promotion
Nylon030S022I	Diameter:13mm	100pcs/PK	2,090	1,881
Nylon030S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,090	1,881
Nylon030S022I	Diameter:25mm	100pcs/PK	2,390	2,151
Nylon030S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,390	2,151

Hydrophilic PVDF

Model No.	Description	Package	Price* (THB)	Promotion
PVDF013S022I	Diameter:13mm	100pcs/PK	2,090	1,881
PVDF013S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,090	1,881
PVDF030S022I	Diameter:25mm	100pcs/PK	2,490	2,241
PVDF030S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,490	2,241

Hydrophobic PTFE

Model No.	Description	Package	Price* (THB)	Promotion
PTFE013S022I	Diameter:13mm	100pcs/PK	2,250	2,025
PTFE013S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,250	2,025
PTFE030S022I	Diameter:25mm	100pcs/PK	2,650	2,385
PTFE030S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,650	2,385

MCE

Model No.	Description	Package	Price* (THB)	Promotion
MCE004N022I	Diameter:4mm	200pcs/PK	3290	2,961
MCE004N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	3290	2,961
MCE013N022I	Diameter:13mm	100pcs/PK	790	711
MCE013N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	790	711
MCE030N022I	Diameter:25mm	100pcs/PK	1150	1,035
MCE030N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1150	1,035



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MeTech Non-sterile, Color coded



MCE

Color	Model No.	Description	Package	Price* (THB)	Promotion
	MCEX04N022I	Diameter:4mm	200pcs/PK	3,450	3,105
	MCEX04N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	3,450	3,105
	MCE017N022I	Diameter:13mm	100pcs/PK	850	765
	MCE017N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	850	765
	MCE033N022I	Diameter:33mm	100pcs/PK	1,150	1,035
	MCE033N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,150	1,035

PES

Color	Model No.	Description	Package	Price* (THB)	Promotion
	PESX04N022I	Diameter:4mm	200pcs/PK	4,050	3,645
	PESX04N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	4,050	3,645
	PES017N022I	Diameter:13mm	100pcs/PK	890	801
	PES017N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	890	801
	PES033N022I	Diameter:33mm	100pcs/PK	1,250	1,125
	PES033N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,250	1,125

Hydrophilic PTFE

Color	Model No.	Description	Package	Price* (THB)	Promotion
	PTFEX04N022I	Diameter:4mm	200pcs/PK	4,450	4,005
	PTFEX04N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	4,450	4,005
	PTFE017N022I	Diameter:13mm	100pcs/PK	1,090	981
	PTFE017N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,090	981
	PTFE033N022I	Diameter:33mm	100pcs/PK	1,350	1,215
	PTFE033N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,350	1,215

CA

Color	Model No.	Description	Package	Price* (THB)	Promotion
	CAX04N022I	Diameter:4mm	200pcs/PK	3,450	3,105
	CAX04N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	3,450	3,105
	CA017N022I	Diameter:13mm	100pcs/PK	850	765
	CA017N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	850	765
	CA033N022I	Diameter:33mm	100pcs/PK	1,150	1,035
	CA033N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,150	1,035

Nylon

Color	Model No.	Description	Package	Price* (THB)	Promotion
	NylonX04N020I	Diameter:4mm	200pcs/PK	4,050	3,645
	NylonX04N045I	Pore Size:0.20µm&0.45µm	200pcs/PK	4,050	3,645
	Nylon017N020I	Diameter:13mm	100pcs/PK	890	801
	Nylon017N045I	Pore Size:0.20µm&0.45µm	100pcs/PK	890	801
	Nylon033N022I	Diameter:33mm	100pcs/PK	1,250	1,125
	Nylon033N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,250	1,125

Hydrophilic PVDF

Color	Model No.	Description	Package	Price* (THB)	Promotion
	PVDFX04N022I	Diameter:4mm	200pcs/PK	4,450	4,005
	PVDFX04N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	4,450	4,005
	PVDF017N022I	Diameter:13mm	100pcs/PK	1,050	945
	PVDF017N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,050	945
	PVDF033N022I	Diameter:33mm	100pcs/PK	1,290	1,161
	PVDF033N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,290	1,161



StarTech sterile, Color coded



MCE

Color	Model No.	Description	Package	Price* (THB)	Promotion
	MCE017S022I	Diameter:13mm	200pcs/PK	2,050	1,845
	MCE017S045I	Pore Size:0.22µm&0.45µm	200pcs/PK	2,050	1,845
	MCE033S022I	Diameter:33mm	100pcs/PK	2,350	2,115
	MCE033S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,350	2,115

PES

Color	Model No.	Description	Package	Price* (THB)	Promotion
	PES017S022I	Diameter:13mm	100pcs/PK	2,090	1,881
	PES017S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,090	1,881
	PES033S022I	Diameter:33mm	100pcs/PK	2,450	2,205
	PES033S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,450	2,205

Hydrophilic PTFE

Color	Model No.	Description	Package	Price* (THB)	Promotion
	PTFE017S022I	Diameter:13mm	100pcs/PK	2,550	2,295
	PTFE017S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,550	2,295
	PTFE033S022I	Diameter:33mm	100pcs/PK	2,690	2,421
	PTFE033S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,690	2,421

CA

Color	Model No.	Description	Package	Price* (THB)	Promotion
	CA017S022I	Diameter:13mm	200pcs/PK	2,050	1,845
	CA017S045I	Pore Size:0.22µm&0.45µm	200pcs/PK	2,050	1,845
	CA033S022I	Diameter:33mm	100pcs/PK	2,350	2,115
	CA033S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,350	2,115

Nylon

Color	Model No.	Description	Package	Price* (THB)	Promotion
	Nylon017S022I	Diameter:13mm	100pcs/PK	2,090	1,881
	Nylon017S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,090	1,881
	Nylon033S022I	Diameter:33mm	100pcs/PK	2,450	2,205
	Nylon033S045I	Pore Size:0.20µm&0.45µm	100pcs/PK	2,450	2,205

Hydrophilic PVDF

Color	Model No.	Description	Package	Price* (THB)	Promotion
	PVDF017S022I	Diameter:13mm	100pcs/PK	2,150	1,935
	PVDF017S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,150	1,935
	PVDF033S022I	Diameter:33mm	100pcs/PK	2,550	2,295
	PVDF033S045I	Pore Size:0.22µm&0.45µm	100pcs/PK	2,550	2,295

Hydrophobic PTFE

Color	Model No.	Description	Package	Price* (THB)	Promotion
	PTFE017S022O	Diameter:13mm	100pcs/PK	2,190	1,971
	PTFE017S045O	Pore Size:0.22µm&0.45µm	100pcs/PK	2,190	1,971
	PTFE033S022O	Diameter:33mm	100pcs/PK	2,550	2,295
	PTFE033S045O	Pore Size:0.22µm&0.45µm	100pcs/PK	2,550	2,295

Hydrophobic PTFE

Color	Model No.	Description	Package	Price* (THB)	Promotion
	PTFEX04N022O	Diameter:4mm	200pcs/PK	4,150	3,735
	PTFEX04N045O	Pore Size:0.22µm&0.45µm	200pcs/PK	4,150	3,735
	PTFE017N022O	Diameter:13mm	100pcs/PK	1,050	945
	PTFE017N045O	Pore Size:0.22µm&0.45µm	100pcs/PK	1,050	945
	PTFE033N022O	Diameter:33mm	100pcs/PK	1,250	1,125
	PTFE033N045O	Pore Size:0.22µm&0.45µm	100pcs/PK	1,250	1,125

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DualTech Non-sterile, Clear color

MCE

Model No.	Description	Package	Price* (THB)	Promotion
MCEG013N022I	Diameter:13mm, with GF prefilter	100pcs/PK	1,090	981
MCEG013N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,090	981
MCEG030N022I	Diameter:25mm, with GF prefilter	100pcs/PK	1,450	1,305
MCEG030N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,450	1,305

PES

Model No.	Description	Package	Price* (THB)	Promotion
PESG013N022I	Diameter:13mm, with GF prefilter	100pcs/PK	1,150	1,035
PESG013N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,150	1,035
PESG030N022I	Diameter:25mm, with GF prefilter	100pcs/PK	1,490	1,341
PESG030N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,490	1,341

CA

Model No.	Description	Package	Price* (THB)	Promotion
CAG013N022I	Diameter:13mm, with GF prefilter	100pcs/PK	1,090	981
CAG013N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,090	981
CAG030N022I	Diameter:25mm, with GF prefilter	100pcs/PK	1,450	1,305
CAG030N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,450	1,305

Nylon

Model No.	Description	Package	Price* (THB)	Promotion
NylonG013N020I	Diameter:13mm, with GF prefilter	100pcs/PK	1,150	1,035
NylonG013N045I	Pore Size:0.20µm&0.45µm	100pcs/PK	1,150	1,035
NylonG030N020I	Diameter:25mm, with GF prefilter	100pcs/PK	1,490	1,341
NylonG030N045I	Pore Size:0.20µm&0.45µm	100pcs/PK	1,490	1,341

Hydrophilic PTFE

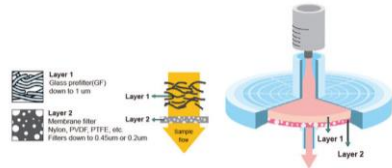
Model No.	Description	Package	Price* (THB)	Promotion
PTFEG013N022I	Diameter:13mm, with GF prefilter	100pcs/PK	1,390	1,251
PTFEG013N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,390	1,251
PTFEG030N022I	Diameter:25mm, with GF prefilter	100pcs/PK	1,650	1,485
PTFEG030N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,650	1,485

Hydrophobic PTFE

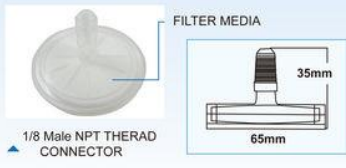
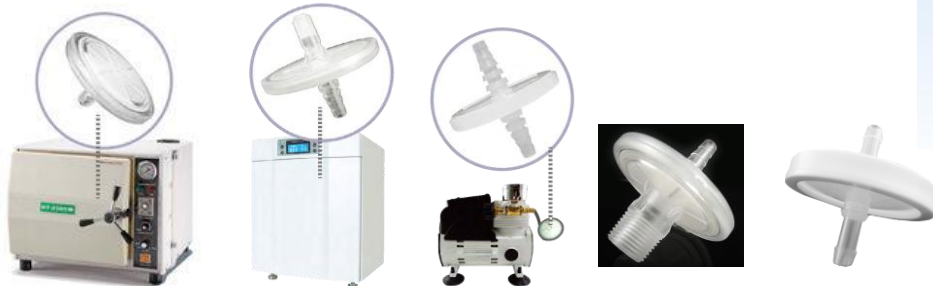
Model No.	Description	Package	Price* (THB)	Promotion
PTFEG013N022O	Diameter:13mm, with GF prefilter	100pcs/PK	1,350	1,215
PTFEG013N045O	Pore Size:0.22µm&0.45µm	100pcs/PK	1,350	1,215
PTFEG030N022O	Diameter:25mm, with GF prefilter	100pcs/PK	1,590	1,431
PTFEG030N045O	Pore Size:0.22µm&0.45µm	100pcs/PK	1,590	1,431

Hydrophilic PVDF

Model No.	Description	Package	Price* (THB)	Promotion
PVDFG013N022I	Diameter:13mm, with GF prefilter	100pcs/PK	1,250	1,125
PVDFG013N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,250	1,125
PVDFG030N022I	Diameter:25mm, with GF prefilter	100pcs/PK	1,550	1,395
PVDFG030N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	1,550	1,395



Air/Vent Filters Specifications



Part No.	Type 1	Type 2	Type 3	Type 4	Type 5
Feature	Autoclave Filters	CO2 Incubation Filters	Vacuum Pump Filters	50mm Air Vent Filters	50mm Glassfiber Filters
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	50mm Hydrophobic PTFE				
Filtration Area	19.6cm ²				
Air Flow Rate	18-20 LMP @ 1kg/cm ²				
Housing Diameter	65mm				
Housing Material	Polycarbonate (Standard) or Polypropylene				
Pore Size	0.22µm(Standard), 0.45µm, 1.0µm or other pore sizes				
Quantity	12pcs/bag				

Non-Sterile

Model No.	Type	Price* (THB)	Promotion
PTFE050N022O-PCA	1	2,590	2,331
PTFE050N022O-PCB	2		
PTFE050N022O-PCC	3		
PTFE050N022O-PCD	4		
PTFE050N022O-PCE	5		

Sterile (Individual Pack)

Model No.	Type	Price* (THB)	Promotion
PTFE050S022O-PCA	1	3,750	3,375
PTFE050S022O-PCB	2		
PTFE050S022O-PCC	3		
PTFE050S022O-PCD	4		
PTFE050S022O-PCE	5		

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Membrane filters

Feature of various membrane materials in syringe filter

CA (Cellulose Acetate)	MCE (Mixed Cellulose Ester)	PES (Polyethersulfone)	Nylon (Polyamide)	PVDF (Polyvinylidene Fluoride)	Hydrophobic PTFE (Polytetrafluoroethylene - Hydrophobic)	Hydrophilic PTFE (Polytetrafluoroethylene - Hydrophilic)
Low protein binding	High protein binding	Hydrophilic			Hydrophobic	Hydrophilic
		Low protein binding			High chemical compatibility	
*Use with aqueous samples, proteins, acids, alcohols, aliphatic hydrocarbon. *Don't use with concentrated sulfuric acid, concentrated nitric acid, strong polar solvents.	*High flow rates and throughput *Excellent thermal stability with very low adsorption *Suitable for aqueous solution	*High Flow Rate *Liquid of high temperature filtration. *Use with aqueous samples, proteins, acids, alcohols, aliphatic hydrocarbon.	*General filtration *Compatible with a broad range of solvents *Clarification of aqueous and organic solutions	*High flow rates and throughput *Low extractables *Broad chemical compatibility *Bind far less protein than Nylon or PTFE membrane	*PTFE membrane with supporting polyester or polypropylene layer *Excellent chemical stability and particle retention *Apply to aqueous and organic solvent	

MCE

Model No.	Description	Package	Price* (THB)	Promotion
M-MCE047N022I	Diameter:47mm	200pcs/PK	2,390	2,151
M-MCE047N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	2,390	2,151
M-MCE090N022I	Diameter:90mm	100pcs/PK	3,390	3,051
M-MCE090N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	3,390	3,051
M-MCE142N022I	Diameter:142mm	100pcs/PK	7,550	6,795
M-MCE142N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	7,550	6,795
M-MCE293N022I	Diameter:293mm	100pcs/PK	37,550	33,795
M-MCE293N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	37,550	33,795

Hydrophilic PTFE

Model No.	Description	Package	Price* (THB)	Promotion
M-PTFE047N022I	Diameter:47mm	200pcs/PK	2,890	2,601
M-PTFE047N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	2,890	2,601
M-PTFE090N022I	Diameter:90mm	100pcs/PK	6,050	5,445
M-PTFE090N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	6,050	5,445
M-PTFE142N022I	Diameter:142mm	100pcs/PK	13,750	12,375
M-PTFE142N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	13,750	12,375
M-PTFE293N022I	Diameter:293mm	100pcs/PK	70,050	63,045
M-PTFE293N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	70,050	63,045

CA

Model No.	Description	Package	Price* (THB)	Promotion
M-CA047N022I	Diameter:47mm	200pcs/PK	2,390	2,151
M-CA047N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	2,390	2,151
M-CA142N022I	Diameter:90mm	100pcs/PK	3,390	3,051
M-CA142N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	3,390	3,051
M-CA142N022I	Diameter:142mm	100pcs/PK	7,550	6,795
M-CA142N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	7,550	6,795
M-CA293N022I	Diameter:293mm	100pcs/PK	37,550	33,795
M-CA293N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	37,550	33,795

Hydrophobic PTFE

Model No.	Description	Package	Price* (THB)	Promotion
M-PTFE047N022O	Diameter:47mm	200pcs/PK	2,750	2,475
M-PTFE047N045O	Pore Size:0.22µm&0.45µm	200pcs/PK	2,750	2,475
M-PTFE090N022O	Diameter:90mm	100pcs/PK	5,550	4,995
M-PTFE090N045O	Pore Size:0.22µm&0.45µm	100pcs/PK	5,550	4,995
M-PTFE142N022O	Diameter:142mm	100pcs/PK	11,250	10,125
M-PTFE142N045O	Pore Size:0.22µm&0.45µm	100pcs/PK	11,250	10,125
M-PTFE293N022O	Diameter:293mm	100pcs/PK	67,550	60,795
M-PTFE293N045O	Pore Size:0.22µm&0.45µm	100pcs/PK	67,550	60,795

PES

Model No.	Description	Package	Price* (THB)	Promotion
M-PES047N022I	Diameter:47mm	200pcs/PK	2,550	2,295
M-PES047N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	2,550	2,295
M-PES090N022I	Diameter:90mm	100pcs/PK	4,550	4,095
M-PES090N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	4,550	4,095
M-PES142N022I	Diameter:142mm	100pcs/PK	8,750	7,875
M-PES142N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	8,750	7,875
M-PES293N022I	Diameter:293mm	100pcs/PK	62,550	56,295
M-PES293N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	62,550	56,295

Hydrophilic PVDF

Model No.	Description	Package	Price* (THB)	Promotion
M-PVDF047N022I	Diameter:47mm	200pcs/PK	2,650	2,385
M-PVDF047N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	2,650	2,385

Nylon

Model No.	Description	Package	Price* (THB)	Promotion
M-Nylon047N020I	Diameter:47mm	200pcs/PK	2,550	2,295
M-Nylon047N045I	Pore Size:0.22µm&0.45µm	200pcs/PK	2,550	2,295
M-Nylon090N020I	Diameter:90mm	100pcs/PK	4,550	4,095
M-Nylon090N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	4,550	4,095
M-Nylon142N020I	Diameter:142mm	100pcs/PK	8,750	7,875
M-Nylon142N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	8,750	7,875
M-Nylon293N020I	Diameter:293mm	100pcs/PK	62,550	56,295
M-Nylon293N045I	Pore Size:0.22µm&0.45µm	100pcs/PK	62,550	56,295

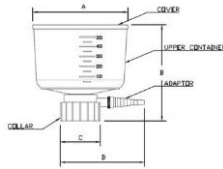


Membrane filters available in wide range of diameters

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Sterile Bottle Top Vacuum Filter



Model No.	Description	Package	Price* (THB)	Promotion
FC-PVDF500G022I-90	Capacity: 500 ml Membrane: PVDF	12pcs/ctn	3,750	3,375
FC-PVDF500G045I-90	Pore Size: 0.22um,0.45um Membrane Diameter : 90 mm	12pcs/ctn		
FC-PES500G022I-90	Capacity: 500 ml Membrane: PVDF	12pcs/ctn	3,500	3,231
FC-PES500G045I-90	Pore Size: 0.22um,0.45um Membrane Diameter : 90 mm	12pcs/ctn		

Bacterial Retention

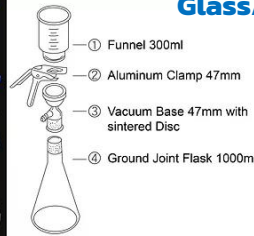
Prevent 100% bacteria growth

Filter bacteria	Bacteria Both After Filter			
	Membrane	Exp.-1	Exp.-2	Exp.-3
<i>B. diminuta</i>				
Cone: 2.6 x 10 ⁸ cfu/ml	PES			
	PVDF			

Filtration Set

47mm Glass Filter Holder Set (Type A)

Model No.	Description	Price* (THB)	Promotion
2000.250.ST	Glass Funnel: 300ml + Ground Joint Flask: 250ml Filtration Diameter: 47mm	3,350	3,015
2000.500.ST	Glass Funnel: 300ml + Ground Joint Flask: 500ml Filtration Diameter: 47mm	3,550	3,195
2000.1000.ST	Glass Funnel: 300ml + Ground Joint Flask: 1000ml Filtration Diameter: 47mm	3,750	3,375
2000.2000.ST	Glass Funnel: 300ml + Ground Joint Flask: 2000ml Filtration Diameter: 47mm	4,050	3,645
2000.3000.ST	Glass Funnel: 300ml + Ground Joint Flask: 3000ml Filtration Diameter: 47mm	5,450	4,905
500.5000.ST	Glass Funnel: 500ml + Ground Joint Flask: 5000ml Filtration Diameter: 47mm	7,950	7,155
500.10000.ST	Glass Funnel: 500ml + Ground Joint Flask: 10000ml Filtration Diameter: 47mm	11,690	10,521



Glass/PC Filtration Set

- Suitable for organic or corrosive liquids such as solvent filtration or purification.
Ex: HPLC mobile phase solvent filtering.
- Good sealing performance, high flow rate, standard ground glass joint
- Autoclave

90mm Glass Filter Holder Set (Type A)

Model No.	Description	Price* (THB)	Promotion
1000.1000.ST	Glass Funnel: 1000ml + Ground Joint Flask: 1000ml Filtration Diameter: 90mm / Size: 40/38	12,950	11,655
1000.2000.ST	Glass Funnel: 1000ml + Ground Joint Flask: 2000ml Filtration Diameter: 90mm / Size: 40/38	14,190	12,771
1000.3000.ST	Glass Funnel: 1000ml + Ground Joint Flask: 3000ml Filtration Diameter: 90mm / Size: 40/38	18,350	16,515
1000.5000.ST	Glass Funnel: 1000ml + Ground Joint Flask: 5000ml Filtration Diameter: 90mm / Size: 50/42	20,850	18,765
1000.10000.ST	Glass Funnel: 1000ml + Ground Joint Flask: 10000ml Filtration Diameter: 90mm / Size: 50/42	25,850	23,265

Replacement Parts

Model No.	Description	Price* (THB)	Promotion
GF-300	Glass Funnel: 300ml / 60mm base	850	765
GF-500	Glass Funnel: 500ml / 60mm base	1,250	1,125
Clamp-47	Aluminium clamp for 47mm	690	621
GB-47-40	47mm vacuum base with sintered glass frit. Glass joint #40. For 60mm funnel.	1,350	1,215
GB-47-50	47mm vacuum base with sintered glass frit. Glass joint #50. For 60mm funnel.	1,550	1,395
GF-250-4038J	250ml Glass Flask + Glass Joint: 40/38	850	765
GF-500-4038J	500ml Glass Flask + Glass Joint: 40/38	1,350	1,215
GF-1000-4038J	1000ml Glass Flask + Glass Joint: 40/38	1,850	1,665
GF-2000-4038J	2000ml Glass Flask + Glass Joint: 40/38	2,350	2,115
GF-3000-4038J	3000ml Glass Flask + Glass Joint: 40/38	2,690	2,421
GF-5000-5042J	5000ml Glass Flask + Glass Joint: 50/42	3,350	3,015
GF-10000-5042J	10000ml Glass Flask + Glass Joint: 50/42	4,590	4,131

Replacement Parts

Model No.	Description	Price* (THB)	Promotion
GF-1000	Glass Funnel: 1000ml / 120mm base	2,950	2,655
Clamp-90	Aluminium clamp for 90mm	2,350	2,115
GB-90-40	90mm vacuum base with sintered glass frit. Glass joint #40. For 120mm funnel.	7,550	6,795
GB-90-50	90mm vacuum base with sintered glass frit. Glass joint #50. For 120mm funnel.	8,350	7,515
GF-250-4038J	250ml Glass Flask + Glass Joint: 40/38	850	765
GF-500-4038J	500ml Glass Flask + Glass Joint: 40/38	1,350	1,215
GF-1000-4038J	1000ml Glass Flask + Glass Joint: 40/38	1,850	1,665
GF-2000-4038J	2000ml Glass Flask + Glass Joint: 40/38	2,350	2,115
GF-3000-4038J	3000ml Glass Flask + Glass Joint: 40/38	2,690	2,421
GF-5000-5042J	5000ml Glass Flask + Glass Joint: 50/42	3,350	3,015
GF-10000-5042J	10000ml Glass Flask + Glass Joint: 50/42	4,590	4,131

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Vacuum Pump Filtration System

Piston Vacuum Pumps

Features

VS01

VS08

VS300

VS400

Product Specification :

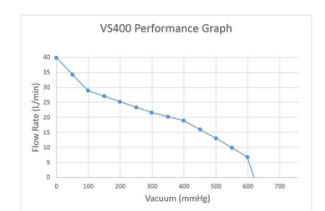
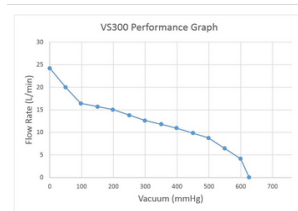


1 Power	4 Pressure gauge
2 Intake port	5 Handle
3 Pressure Regulators	6 Temperature control device

Product Specification :



1 Power	4 Pressure gauge
2 Intake port	5 Handle
3 Pressure Regulators	6 Temperature control device



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

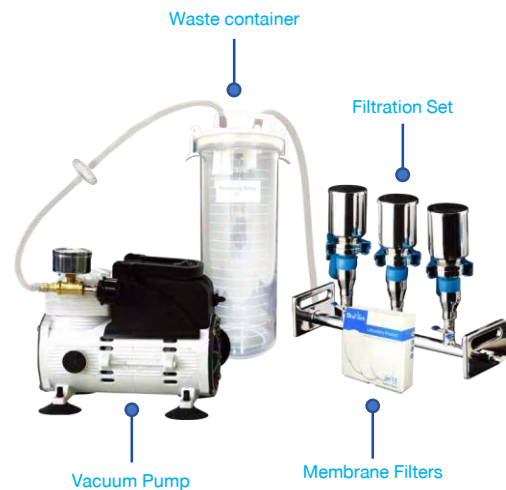
- *High chemical resistance
- *No air pollution, maintenance free
- *Built-in thermal protection
- *Low vibration, high horsepower
- *High vacuum, high flow rate

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

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- *Oil-less design, no pollution generated.
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- *Low maintenance and rugged design.
- *Built in thermal protection.

Specification

Model No.	VS01	VS08	VS300	VS400
Frequency	220V/50Hz			
Power (W)	70	560	95	120
Vacuum (mmHg)	650	670	660	660
Max Flow Rate (L/min)	18	90	19	32
Horse Power (HP)	0.1	0.75	1/8	1/6
Noise Level (dBA)	58	61	45	45
N.W. (kg)	4	11	3.6	5.5
LxWxH (cm)	20x15x19	35x21x26	26.7x11.3x15	33x13.5x18
Vacuum Adjustment	Yes			
Thermal Protection	Yes			
Overflow Protection	No	No	Yes	Yes
Price* (THB)	13,190	22,950	12,350	16,250
Promotion	11,871	20,655	11,115	14,825



Vacuum Pump Filtration System

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