

PROUDLY MADE IN
india

BOROSIL®

BORO PURE Filtration System



Made from 3.3 Low Expansion
Borosilicate Glass



- GLASS FILTRATION ASSEMBLY
- VACUUM PUMP

Filtration Assembly

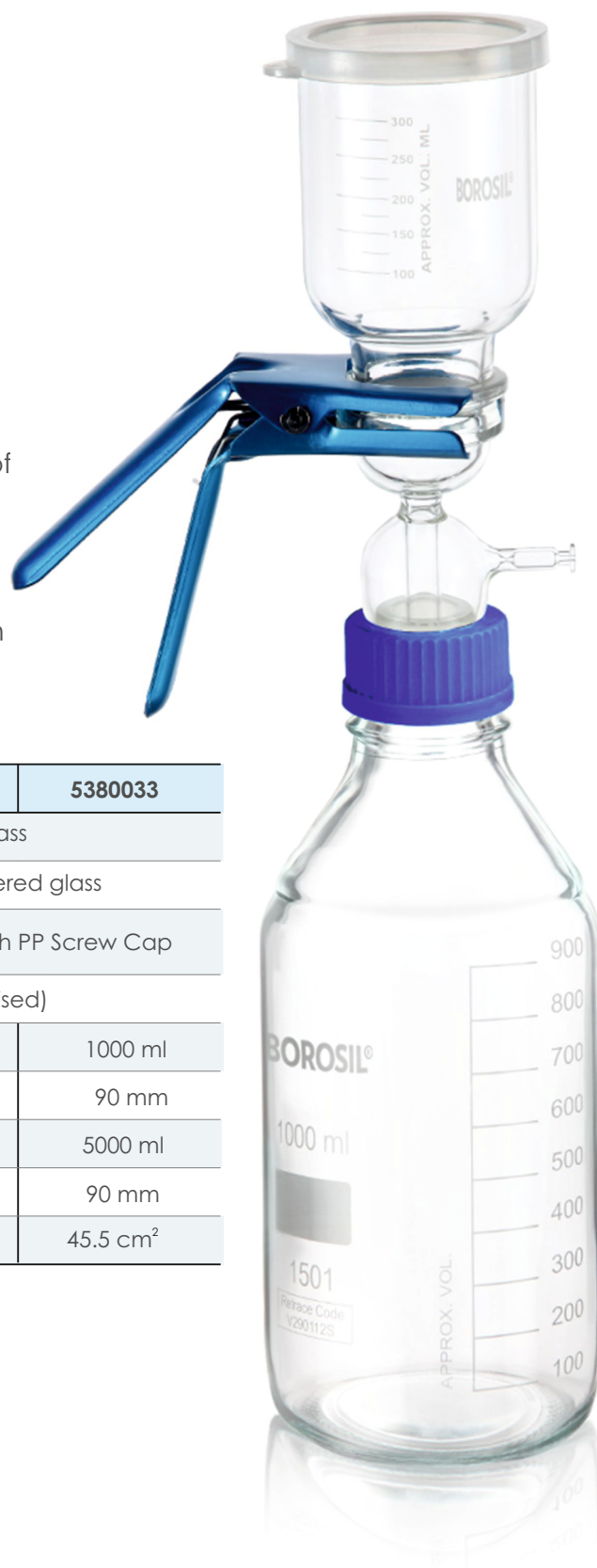
Vacuum Filtration is a technique commonly used for laboratory applications. It is a preferred method for filtration of HPLC solvents, media, buffers and for microbiological analysis.

BOROPURE range of products is a complete solution for laboratory filtration

- Made of 3.3 borosilicate glass and sintered glass
- Compatible with most of the organic solvents
- Easy to clean, 100% autoclavable and reusable
- An environment friendly and cost-effective

Glass Filtration Assembly, with Screw Cap Bottle

- Supplied with a screw cap bottle for collection of the final filtrate
- Unlike conical flask, no need to transfer the filtrate into a different storage container
- Saves time and efforts and avoids contamination
- Ideal for filtration of HPLC solvents, sterile filtration of media and buffers



	5380029	5380030	5380033
Funnel	3.3 Borosilicate glass		
Filter Support Base	3.3 Borosilicate glass with sintered glass		
Receiver Bottle with Screw cap	3.3 Borosilicate glass bottle with PP Screw Cap		
Clamp	Aluminium (anodised)		
Funnel Capacity	300 ml	300 ml	1000 ml
Filter support base size	47 mm	47 mm	90 mm
Receiver Bottle capacity	1000 ml	2000 ml	5000 ml
Clamp size	47 mm	47 mm	90 mm
Effective	9.6 cm ²	9.6 cm ²	45.5 cm ²

Filtration Assembly

Glass Filtration Assembly, with Conical Flask

- Supplied with a conical flask for filtrate collection
Note: The final filtrate needs to be transferred in to another container for storage
- Integral vacuum connection provided to prevent contamination of vacuum line from droplets
- Anodised aluminium spring clamp for longer life
- Ideal for filtration of HPLC solvents and aqueous mobile phase solutions and buffers

	5350024	5350029	5350030	5350A29	5350033
Funnel	3.3 Borosilicate glass				
Filter Support Base	3.3 Borosilicate glass with sintered glass				
Receiver Flask	3.3 Borosilicate glass				
Clamp	Aluminium (anodised)				
Funnel Capacity	300 ml	300 ml	300 ml	1000 ml	1000 ml
Filter Support Base Size	47 mm	47 mm	47 mm	90 mm	90 mm
Receiver Flask Capacity	500 ml	1000 ml	2000 ml	1000 ml	5000 ml
Clamp size	47 mm	47 mm	47 mm	90 mm	90 mm
Effective area	9.6 cm ²	9.6 cm ²	9.6 cm ²	45.5 cm ²	45.5 cm ²



Vacuum connection located above the filter drip

	5360029	5360030
Funnel	3.3 Borosilicate glass	
Filter Support Base	3.3 Borosilicate glass with sintered glass	
Receiver Flask	3.3 Borosilicate glass	
Clamp	Aluminium (anodised)	
Stopper	Silicone	
Funnel Capacity	300 ml	300 ml
Filter Support Base Size	47 mm	47 mm
Receiver Flask Capacity	500 ml	1000 ml
Clamp size	47 mm	47 mm
Stopper size	#8	#8
Effective area	9.6 cm ²	45.5 cm ²



Vacuum connection located on the receiver flask

Filtration Assembly

Glass Micro Filtration Assembly, with Conical Flask

- Supplied with a conical flask for filtrate collection
- Vacuum connection located on the receiver flask
- Filter base provided with a silicone stopper
- Anodised aluminium spring clamp for longer life
- Ideal for small volume vacuum filtration for biological analysis particulate contamination analysis



	5370017
Funnel	3.3 Borosilicate glass
Filter Support Base	3.3 Borosilicate glass with sintered glass
Receiver Flask	3.3 Borosilicate glass
Clamp	Aluminium (anodised)
Stopper	Silicone
Funnel Capacity	15 ml
Filter Support Base Size	25 mm
Receiver Flask capacity	125 ml
Clamp size	25
Stopper size	#5
Effective filtration area	2.2 cm ²

Vacuum pump-oil free

- Piston powered oil-free pump designed with innovative electronic and mechanical technology
- Compact and light weight for comfortable handling
- Lubricant and regular oil changes not required
- Equipped with filter cartridge in the air inlet, to filter particles and moisture
- Provided with vacuum regulator to adjust vacuum
- Motor with built in thermal protection device which shuts off the pump automatically when overheated, resumes working when temperature cools down



Model	BORO-017
Max. Vacuum	100 MBAR
Max. Flow rate	17 L / min
Motor rotation	1450 rpm
Port thread	50 dB
Noise level	4.4 kg
Dimension (W X D X H)	(272 x 142 x 165) mm
Electrical Requirement	0.3A
Power Consumption	60 A
Ordering Information	100VP300017

Please do not use this vacuum pump with any corrosive chemicals such as Acid, Alkali & Organic Air. Avoid any material or liquid sucked down into the pump that will cause serious damage.