

Lafil Series Vacuum Filtration System



Filtration System

Introduction

Lafil series vacuum filtration system is the world's first filtration system which combines vacuum source and filtration ware into one unit. Its compact design can save much bench space as compared with traditional platform. In addition, its fence-like design prevents filtration ware from being tipped over by user's carelessness. Lafil series vacuum filtration system can be used with a variety of filtration ware for different applications. The good quality has passed international CE certification and guaranteed for two years.

Applications

- Laboratory vacuum filtration
- Water sample filtration for microbiological test
- Water sample filtration for suspended solid test

Benefits:

- Small size, safe operation, and save much of bench space
- Fence-like platform prevents the filtration ware from being tipped over
- Waste bottle equipped with the patented spin-lock design and overflow protection
- CE approved and two-year warranty



Lafil series vacuum filtration system can be used with a variety of filtration ware for different applications.

Specification

Model	Lafil 300C	Lafil 300	Lafil 400
Max. vacuum	Ultimate 173 mbar (25 inHg)	Ultimate 106 mbar (27 inHg)	Ultimate 33 mbar (29 inHg)
Max. flow rate	23 l/min(110V, 60Hz) / 20 l/min(220V, 50Hz)	23 l/min(110V, 60Hz) / 20 l/min(220V, 50Hz)	23 l/min(110V, 60Hz) / 20 l/min(220V, 50Hz)
Motor rotation speed	1750 RPM(110V, 60Hz) / 1450 RPM(220V, 50Hz)	1750 RPM(110V, 60Hz) / 1450 RPM(220V, 50Hz)	1750 RPM(110V, 60Hz) / 1450 RPM(220V, 50Hz)
Hose barb	5/16 inch (8 mm)	5/16 inch (8 mm)	5/16 inch (8 mm)

Product portfolio

Lafil series vacuum filtration system can be used with a variety of filtration wares to meet different applications



- Lafil 300C-VF12**
 Application: Solvent purification such as HPLC mobile phase
- Funnel capacity 300ml, borosilicate glass material
 - Tissue Bottle capacity 1000ml, borosilicate glass material
 - Filtrate can be stored directly in GL45 tissue bottle.



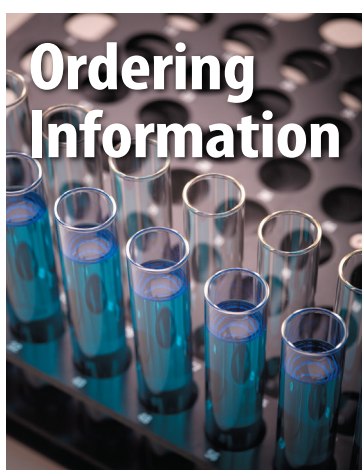
- Lafil 300 - LF32**
 Application: Filtration for microorganism test
- Funnel capacity 100ml, SS316 material
 - Waste Bottle capacity 1200ml, PC material
 - Filtration ware is autoclavable
 - Waste bottle equipped with overflow protection



- Lafil 400 - LF30**
 Application: General filtration
- Funnel capacity 300ml, PES material
 - Waste Bottle capacity 1200ml, PC material
 - Filtration ware is autoclavable
 - Waste bottle equipped with overflow protection



- Lafil 400 - LF5a - 500**
 Application : Cell culture medium purification
- Funnel capacity 500ml, PES material
 - Filtration ware is autoclavable
 - Tissue bottle capacity 500ml, SCHOTT DURAN GL45 neck thread



197300-11(22)	Lafil 300 Oil free vacuum pump, AC110V/AC220V
197400-11(22)	Lafil 400 Oil free vacuum pump, AC110V/AC220V
197330-11(22)	Lafil 300C PTFE coated chemical resistant vacuum pump, AC110V/AC220V
197301-11(22)	Lafil 300 - LF 30 Vacuum filtration system, AC110V/AC220V
197401-11(22)	Lafil 400 - LF 30 Vacuum filtration system, AC110V/AC220V
197302-11(22)	Lafil 300 - LF 32 Vacuum filtration system, AC110V/AC220V
197402-11(22)	Lafil 400 - LF 32 Vacuum filtration system, AC110V/AC220V
197404-11(22)	Lafil 400 - LF 5a - 500 Vacuum filtration system, AC110V/AC220V
197331-11(22)	Lafil 300C - VF12 Vacuum Filtration System, AC110V/AC220V

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