

Portable Suction System



Features

- **A dual-function system for suction and filtration**
The innovative dual-function design allows to suck washing solution from microplates, supernatants after centrifugation and to purify media from cell culture by disposable or reusable funnels in just one system.
- **Ideal for operation in laminar flow**
Lafil 100's compact size and built-in vacuum pump allow for work in laminar flow.
- **Autoclavable**
All supplied fittings are made of POM material available for autoclave.
- **Safety compliance**
CE certification

Applications

- Cell culture aspiration
- Laboratory waste suction

Ordering Information

- 197100-01**
Lafil 100, Portable Suction System with AC100-240V adaptor, US plug
- 197100-02**
Lafil 100, Portable Suction System with AC100-240V adaptor, EU plug
- 197000-02**
LF 3a, 300ml PES Filter Holder with lid kit
- 197000-07**
LF 5a, 500ml PES Filter Holder with lid kit
- ROU-1152-RLS**
Autofil, 500ml Disposable Funnel
0.22µm, Ø90mm, PES membrane, 24/PK
- ROU-1402-RLS**
Autofil 50ml, Disposable Centrifuge Funnel
0.22µm, Ø40mm, PES membrane, 24/PK



Lafil 100 with Autofil 50ml disposable centrifuge funnel



Lafil 100 with Autofil 500ml disposable funnel



Lafil 100 with LF 3a, 300ml PES filter holder with lid kit



Lafil 100 with LF 5a, 500ml PES filter holder with lid kit

A Dual-Function System for Suction and Filtration



GL45 Suction Cap

Specification	Suction cap	Cap with storage bottle	Cap with storage bottle
Catalog number	197000-60	197000-60-500	197000-60-1000
Capacity	-	500 ml	1000 ml
Hose barb	3/16 in. (5 mm)	3/16 in. (5 mm)	3/16 in. (5 mm)
Material	PP (Autoclavable)	-	-



Anti-UV Cloth Cover

Used to protect main unit from UV light in laminar flow

Specification

Catalog number	197100-48
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Membrane Filters

Specification	PES Membrane	PES Membrane
Catalog number	201PAL60301	201PAL60173
Brand	Pall	Pall
Filter diameter	47mm	47mm
Pore size	0.22 µm	0.45 µm
Material of filter	PES	PES
Package	100/PK	100/PK

Specification

Model	Lafil 100	Model	ROU-1402-RLS / ROU-1152-RLS
Max. vacuum	500 mmHg	Capacity	50ml / 500ml
Max. flow rate	1.0 L/min	Part	Material
Motor	DC brushless motor	Funnel	PE
Transformer	DC 12V / AC 100 - 240V	Lid	PE
Net weight	1.3 kg	membrane	PES
Dimension (LxWxH)	26.5 x 13 x 21 cm	Model	LF 3a/5a
Part	Material	Capacity	300ml / 500ml
Case	ABS	Part	Material
Handle	POM	Funnel	PES
1/8-channel tip adaptor with ejector	POM	Lid	PP
GL45 suction cap	PP	Membrane support	PP