

# Portable suction system

## BioVac 225 / 240, up to -720 mmHg, up to 40 l/min

### Ideal for:

- cell culture aspiration
- laboratory waste suction

### Features:

- up to -720 mmHg
- up to 40 l/min
- diaphragm (BioVac 225) or piston (BioVac 240) pump
- overflow protection in suction bottle
- 0.2 µm PTFE hydrophobic disc filter between suction bottle and pump prevents medium from flowing into the pump
- oil free, maintenance free, low noise
- fittings and suction bottle autoclavable
- CE certified

BioVac 225



BioVac 240 Plus



Model	BioVac 225		BioVac 240	
Max. vacuum	-680 mmHg		-720 mmHg	
Max. flow rate	25 l/min	23 l/min	40 l/min	38 l/min
Port thread	3/16 inch (5 mm)		3/16 inch (5 mm)	
Thermal protector	Yes		Yes	
Pump type	Diaphragm		Piston	
Dimension (LxWxH)	37 x 15 x 25 cm		53 x 24 x 35 cm	
Suction bottle	PC (1000 ml)		PC (3000 ml)	
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz			

Order number standard 120V	00829 167225-11	-	00829 167240-11	-
Order number standard 230V	-	00829 167225-22	-	00829 167240-22
Order number plus 120V	00829 167227-11	-	00829 167241-11	-
Order number plus 230V	-	00829 167227-22	-	00829 167241-22

### Scope of supply:

**BioVac standard** will be delivered with 1-channel tip adaptor (150 mm)

**BioVac Plus** will be delivered with handle, 1-channel tip adaptor with ejector (POM), 8-channel tip adaptor with ejector (POM) and 1-channel tip adaptor (150 mm)

Model	Material	separate order number
Handle grip	POM	00829 199100-30
1-Channel tip adaptor (150 mm)	POM	00829 199100-76
8-Channel tip adaptor with ejector	POM	00829 199100-50
1-Channel tip adaptor with ejector	POM	00829 199100-75

Details on page 173

# Portable suction system

## Lafil 100, -500 mmHg, 1 l/min

### Ideal for:

- cell culture aspiration
- laboratory waste suction

### Features:

- -500 mmHg
- 1 l/min
- dual function system: suction and filtration
- ideal for operation in laminar flow
- all fittings are made of POM (autoclavable)
- CE certified



Lafil 100 with tissue bottle and suction cap

<b>Model</b>	<b>Lafil 100</b>	
<b>Max. vacuum</b>	-500 mmHg	
<b>Max. flow rate</b>	1.0 l/min	
<b>Motor</b>	DC brushless motor	
<b>Net weight</b>	1.3 kg	
<b>Dimension (LxWxH)</b>	26.5 x 13 x 21 cm	
<b>Material</b>	Case: ABS Handle: POM Channel tip adaptor: POM GL 45 suction cap: PP Bottle: Borosilicate glass	
<b>Tissue bottle included</b>	500 ml with GL 45 suction cap	
<b>Power supply</b>	DC 12V / AC100-240V	
<b>Order number EU plug</b>	00829 197100-02	-
<b>Order number US plug</b>	-	00829 197100-01

Suitable filter holder can be found on next page - other suitable filter holder can be found on page 162, 163 and 164.

### Scope of supply:

Lafil 100 will be delivered with handle, 1-channel tip adaptor, 8-channel tip adaptor and Tissue bottle with suction cap



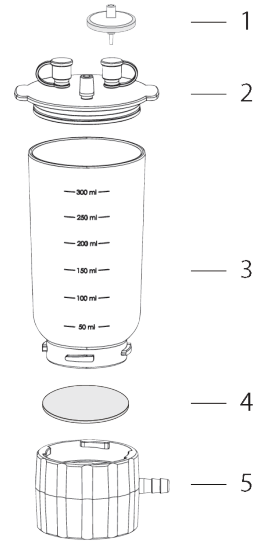
# Portable suction system sets



Lafil 100 with LF 3A  
300 ml PES filter holder



Lafil 100 with LF 5A  
500 ml PES filter holder without lid kit



LF 3a / 5a

LF 3a / 5a with bottle adaptor				
#	Item	Material	Size	Order number
	300 ml, 47 mm PES filter holder, complete			00829 197000-02
	500 ml, 47 mm PES filter holder			00829 197000-04
1	Syringe filter	PTFE	25 mm, 0.2µm	00829 194225-01
2	Lid kit LF 3a	PP, Silicone		00829 197000-36
2	Lid kit LF 5a	PP, Silicone		00829 200300-36
3	Funnel LF 3a	PES	300 ml	00829 197000-34
3	Funnel LF 5a	PES	500 ml	00829 197000-56
4	Support screen	PP		00829 197000-37
5	Bottle adaptor			00829 197000-38

## Suction cap - autoclavable

Specification	GL 45
Port thread (I.D. tubing)	3/16 inch (5 mm)
Material	PP
Order number blue	00829 197000-60



## 500 ml tissue bottle with cap GL 45 and color-code graduation



Specification	500 ml
Thread	GL 45 with pouring ring
Material	Borosilicate glass
Order number white	5 526 500 B
Order number blue	5 526 500 BL
Order number yellow	5 526 500 GE
Order number green	5 526 500 GR
Order number red	5 526 500 RO

