

Lafil Suction System

All in One · Safe · Eco-Friendly



Features

50%

All in One

- ◆ Integrates vacuum source, waste bottle and suction kit, saves more than 50% space.
◆ Lafil 200 allows 2 suction kits to operate simultaneously.



Safe Operation

- ◆ The fence-like platform prevents negligence from tipping over the waste bottle.
◆ Protection device prevents liquid from overflowing and damage the pump.
◆ Aerosol-blocking design to minimize contamination.



ECO Smart (Lafil 100^{eco} / Lafil 200^{eco})

- ◆ ECO control design helps stop and resume working automatically.
◆ Energy-saving, quiet and prolongs the life of pump.



Certification

CE



▲ with laboratory glass bottle (Optional)

Applications

- ◆ Cell culture aspiration
- ◆ Laboratory waste suction

Specification

Model	Lafil 100	Lafil 100 ^{eco}	Lafil 200	Lafil 200 ^{eco}
Power	DC12V, 0.5A		DC12V, 1.5A	
Max.vacuum	Max. 345 mbar	Max. 480 mbar	1013 ~ 213 mbar	880 ~ 370 mbar
Max. flow rate	4.0 L/min		10 L/min	
Aspiration rate	9 mL/sec		17 mL/sec	
Auto shut-off	-	Yes	-	Yes
Waste Bottle	<ul style="list-style-type: none"> • PP vacuum bottle 1000 mL • (Optional) laboratory glass bottle 500 mL 		<ul style="list-style-type: none"> • PP vacuum bottle 4000 mL • (Optional) laboratory glass bottle 3500 mL 	
Noise level	50 dB		55 dB	
Weight	1.3 kg	1.5 kg	2.1 kg	2.3 kg
International certification	CE		CE, IP 41, RoHS	
Dimensions (L*W*H)	26.5 x 13 x 28 cm		37.5 x 25.8 x 21.7 cm	

* With quick-coupling connector to accelerate removal of waste bottle

Suction Kit	Laminar Flow Size	Benchtop Size	
	Lafil 100 / Lafil 100 ^{eco}	Lafil 200 - Plus / Lafil 200 ^{eco} - Plus	Lafil 200 - BioDolphin / Lafil 200 ^{eco} - BioDolphin
① Handle ② 1-channel tip adaptor with ejector ③ 8-channel tip adaptor with ejector ④ 1-channel tip adaptor (150 mm) ⑤ 1-channel tip adaptor (50 mm) ⑥ 1-channel SS adaptor (40 mm) ⑦ 8-channel SS adaptor (40 mm) ⑧ 1-channel SS adaptor (80 mm) ⑨ Rack	 <p>Suction Kit Includes ① ② ③ ④</p>	 <p>Suction Kit Includes ① ② ③ ④</p>	 <p>Suction Kit Includes ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨</p>



Ordering Information

197100-01(02)	Lafil 100, Portable Suction System with AC100-240V adaptor, US plug (EU plug)
197110-01(02)	Lafil 100 ^{eco} , Portable Suction System with AC100-240V adaptor, US plug (EU plug)
197205-01(02)	Lafil 200 - Plus, Suction System with AC100-240V adaptor, US plug (EU plug)
197203-01(02)	Lafil 200 - BioDolphin, Suction System with AC100-240V adaptor, US plug (EU plug)
197205B-01(02)	Lafil 200 - Plus, Suction System (PP vacuum bottle w/ hose barb) with AC100-240V adaptor, US plug (EU plug)
197215-01(02)	Lafil 200 ^{eco} - Plus, Suction System with AC100-240V adaptor, US plug (EU plug)
197213-01(02)	Lafil 200 ^{eco} - BioDolphin, Suction System with AC100-240V adaptor, US plug (EU plug)
197100-10	PP vacuum bottle 1000 mL
197200-53	PP vacuum bottle 4000 ml with quick-coupling connectors
197000-60-500	Laboratory glass Bottle 500 mL with GL45 suction cap
197000-60-3500	Laboratory glass bottle 3500 mL with GL45 suction cap
197100-43	Disc filter for Lafil 100 and Lafil 100 ^{eco}
197000-60	Suction cap for GL45 bottle
199100-68	Silicone tube Φ 4.2 x 8 mm, 200 cm
167200-38	Silicone tube Φ 6 x 12 mm, 100 cm
167200-41	Universal foot switch (momentary type)
167200-41-1	Universal foot switch (maintained type)

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