Portable Suction System

VIDEO

Features

- **All in One, saving 65% space**
  Lafil 100 suction system integrates vacuum sources, waste bottle and suction kit into one single system. Saving 65% bench space.
- **Ideal size for in-hood operation**
  Lafil 100 suction system is in perfect size that allows operations in laminar flow hood.
- **Safe and convenient**
  (1) Tripping-proof and spill-proof fence-like bottle platform.
  (2) Syringe filter at air inlet prevents liquid from entering the pump.
  (3) Smart built-in tool storage makes it convenient and easy to use.
- **Eco control feature (Lafil 100^{eco})**
  Lafil 100^{eco}'s pump pauses when maximum vacuum is detected and resumes operation to maintain a constant and stable suction, making Lafil 100^{eco} more energy-saving and quieter machine to work with.
- **International certification**
  CE certification
- **One-Year Warranty (Lafil 100 / Lafil 100^{eco})**

Applications

- Cell culture aspiration
- Laboratory waste suction

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)
197100-10
PP Vacuum Bottle with GL45 Suction Cap, 1000 mL
197000-60-500
Glass Bottle with GL45 Suction Cap, 500 mL

Lafil 100

Patented



* Color of power switch is different on Lafil 100 and Lafil 100^{eco}.



197100-48 (Optional)Anti-UV Cloth Cover



With optional glass bottle, 500 mL

Specification

Model	Lafil 100	Lafil 100^{eco}
PERFORMANCE DATA		
Max. vacuum	345 mbar abs.	480 mbar abs.*
Max. flow rate	4.0 L/min	
Aspiration rate	9 mL/sec	
Waste bottle	PP vacuum bottle, 1000 mL / (optional) Laboratory glass bottle, 500 mL	
Auto shut-off	-	Yes
Noise level	50 dB	
Net weight	1.3 Kg	1.5 Kg
Dimension (LxWxH)	27 x 13 x 28 cm	
ELECTRICAL DATA		
Power input	DC12V, 0.5A	
Max. power	6W	
OTHER DATA		
Suction Kit	• Handle • 1-channel tip adaptor (150 mm) • 1-channel tip adaptor with ejector • 8-channel tip adaptor with ejector	

* Lafil 100^{eco} will shut off at 480 mbar and restart at 813 mbar.