

# Suction System



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YEAR

WARRANTY

## Features

### ► All in One, saving 50% space

Lafil 300 suction system integrates vacuum source, waste bottle and suction kit into one single system. Saving 50% bench space.

### ► Safety features

Multiple safety featured designs protect both the operator and the machine.  
(1) Tripping-proof and spill-proof fence-like bottle platform.  
(2) Overflow protection prevents liquid from entering the pump.

### ► Oil-free & care-free

Lafil systems are built-in with oil-free pumps that need no lubricant, making it maintenance-free and oil-mist-free.

### ► Autoclavable

The waste bottle and all fittings are made of autoclavable materials such as PES or POM.

### ► International certification

CE certification

### ► Two-Year Warranty (Lafil 300)

## Applications

- Cell culture aspiration
- Laboratory waste suction

## Ordering Information

### 197305-11(22)

Lafil 300 - Plus, Suction System  
AC110V, 60Hz (AC220V, 50Hz)

### 197303-11(22)

Lafil 300 - BioDolphin, Suction System  
AC110V, 60Hz (AC220V, 50Hz)

### 197300-11(22)

Lafil 300, Vacuum Pump  
AC110V, 60Hz (AC220V, 50Hz)

### Lafil 300 - Plus



### Lafil 300 - BioDolphin



## Specification

Model	Lafil 300 - Plus		Lafil 300 - BioDolphin	
PERFORMANCE DATA				
Max. vacuum	99 mbar abs.			
Max. flow rate	23 L/min @60Hz	20 L/min @50Hz	23 L/min@60Hz	20 L/min @50Hz
Aspiration rate	18 mL/sec			
Waste bottle	PES vacuum bottle, 1200 mL			
Noise level	50 dB			
Net weight	5.9 Kg			
Dimension (LxWxH)	34 x 25 x 30 cm			
ELECTRICAL DATA				
Voltage	110V	220V	110V	220V
Frequency	50 / 60Hz		50 / 60Hz	
Max. power	65W (1/8 HP)	60W (1/8 HP)	65W (1/8 HP)	60W (1/8 HP)
Max. current	0.7A	0.3A	0.7A	0.3A
Safety	Overheat Protection			
OTHER DATA	Plus		BioDolphin	
Suction Kit	• Handle • 1-channel tip adaptor (150 mm) • 1-channel tip adaptor with ejector • 8-channel tip adaptor with ejector		• Handle • 1-channel tip adaptor (50 mm) • 1-channel tip adaptor (150 mm) • 1-channel SS adaptor (40 mm) • 1-channel SS adaptor (80 mm) • 8-channel SS adaptor (40 mm) • 1-channel tip adaptor with ejector • 8-channel tip adaptor with ejector • Rack	