

# Suction System



## Features

- ▶ **All in One, saving 50% space**  
Lafil 400 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.  
(3) Aerosol-blocking design with a hydrophobic filter to minimize contamination.
- ▶ **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 400)**

## Applications

- ▶ Cell culture aspiration
- ▶ Laboratory waste suction

## Ordering Information

### 197405-11(22)

Lafil 400 - Plus, Suction System  
AC110V, 60Hz (AC220V, 50Hz)

### 197403-11(22)

Lafil 400 - BioDolphin, Suction System  
AC110V, 60Hz (AC220V, 50Hz)

### 197400-11(22)

Lafil 400, Vacuum Pump  
AC110V, 60Hz (AC220V, 50Hz)



## Specification

Model	Lafil 400 - Plus		Lafil 400 - BioDolphin	
<b>PERFORMANCE DATA</b>				
Max. vacuum	25 mbar abs.			
Max. flow rate	23 L/min @60Hz	20 L/min @50Hz	23 L/min @60Hz	20 L/min @50Hz
Aspiration rate	19 mL/sec			
Waste bottle	PES vacuum bottle, 1200 mL			
Noise level	52 dB			
Net weight	7.0 Kg			
Dimension (LxWxH)	34 x 25 x 30 cm			
<b>ELECTRICAL DATA</b>				
Voltage	110V	220V	110V	220V
Frequency	50 / 60Hz		50 / 60Hz	
Max. power	100W (1/6 HP)	80W (1/6 HP)	100W (1/6 HP)	80W (1/6 HP)
Max. current	1.0A	0.4A	1.0A	0.4A
Safety	Overheat Protection			
<b>OTHER DATA</b>				
	Plus		BioDolphin	
Suction Kit	<ul style="list-style-type: none"> <li>• Handle</li> <li>• 1-channel tip adaptor (150 mm)</li> <li>• 1-channel tip adaptor with ejector</li> <li>• 8-channel tip adaptor with ejector</li> </ul>		<ul style="list-style-type: none"> <li>• Handle</li> <li>• 1-channel tip adaptor (50 mm)</li> <li>• 1-channel tip adaptor (150 mm)</li> <li>• 1-channel SS adaptor (40 mm)</li> <li>• 1-channel SS adaptor (80 mm)</li> <li>• 8-channel SS adaptor (40 mm)</li> <li>• 1-channel tip adaptor with ejector</li> <li>• 8-channel tip adaptor with ejector</li> <li>• Rack</li> </ul>	