

# Vacuum Filtration System

## Features

- ❖ **No air pollution, maintenance free**  
Rocker 300C vacuum pump is driven by diaphragm, no need of lubricant, regular oil changes and maintenance; with no oil pollution.
- ❖ **Good chemical resistance**  
Rocker 300C / Chemker 300 / Lafil 300C -VF12 systems all can offer good resistance to a wide range of corrosive gases.
- ❖ **One-step filtration**  
VF 12 can filtrate and store solution directly in GL45 storage bottle without transferring from the flask and hence preventing cross-contamination.
- ❖ **Suitable for all GL45 storage bottle**  
Unique filtration adaptor design can connect with GL45 storage bottle (1000ml, 2000ml, 5000ml...etc.)
- ❖ **International certification**  
CE certification
- ❖ **One-Year Warranty**

## Applications

- ❖ Solvent purification
- ❖ HPLC mobile phase purification
- ❖ Vacuum filtration

## Ordering Information

### 189302-11(22)

Rocker 300C - VF 12, Vacuum Filtration System, complete set includes :

- \* Rocker 300C, Vacuum Pump
- \* VF 12, Filtration Set
- \* Silicone Tube (1m)

### 169302-11(22)

Chemker 300 - VF 12, Vacuum Filtration System, complete set includes :

- \* Chemker 300, Vacuum Pump
- \* VF 12, Filtration Set
- \* Silicone Tube (1m)

### 197331-11(22)

Lafil 300C - VF 12, Vacuum Filtration System, complete set includes :

- \* Lafil 300C, Vacuum Pump
- \* VF 12, Filtration Set
- \* Silicone Tube (1m)

### Rocker 300C - VF 12



### Chemker 300 - VF 12



### Lafil 300C - VF 12



## Specification

Model	Rocker 300C - VF 12		Chemker 300 - VF 12		Lafil 300C - VF 12	
Voltage	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Max. flow rate	23 L/min	20 L/min	20 L/min	18 L/min	23 L/min	20 L/min
Max. vacuum	170 mbar / 84 kPa / 24.8 inHg		105 mbar / 91 kPa / 26.8 inHg		170 mbar / 84 kPa / 24.8 inHg	
Capacity (Funnel / Waste bottle)	300 ml / 1000 ml		300 ml / 1000 ml		300 ml / 1000 ml	
Filter diameter	47 mm		47 mm		47 mm	
Effective filtration area	9.6 cm <sup>2</sup>		9.6 cm <sup>2</sup>		9.6 cm <sup>2</sup>	
Hose barb	5/16 inch (8 mm)		5/16 inch (8 mm)		5/16 inch (8 mm)	
Part	Material		Material		Material	
Funnel	Borosilicate glass		Borosilicate glass		Borosilicate glass	
Membrane support	Sintered glass		Sintered glass		Sintered glass	
Clamp	Aluminum		Aluminum		Aluminum	
Filtration adaptor	PP		PP		PP	
Stopper	Silicone (No.8)		Silicone (No.8)		Silicone (No.8)	
Storage bottle	Borosilicate glass		Borosilicate glass		Borosilicate glass	