

Powerful freeze dryer

Speedy freeze dryer in slim design for space-saving.

Clean Vac 8



Features

- Self pre-freezing
- 8L cold trap
- Refrigeration systems reach -75°C
- Oil status confirming in vacuum pump
- Various accessories available Manifold type
- Checking-up vacuum pump oil status
- Vacuum pressure measuring by Pirani gauge

Digital controller

Pirani Gauge	Min. 0.005 torr
	Max. ambient pressure
	Semi log scale
	Resolution : 0.5 for each decade
Temp. Sensor	Pt100 sensor
	-75°C to 40°C, 1°C step resolution

* Please note that technical specifications subject to change.

Cold trap temperature : -75°C

CleanVac 8

Catalog No.	PV1M1AF08	
Trap.Chamber	310D×250H (mm)	
Compressor	1HP×2	
Max. Capacity	8 liter	
Dimension	740W×600D×965H (mm)	965H (mm)
Power	220V, 60Hz, Single phase, 1.5kW	phase, 1.5kW

* Please note that technical specifications subject to change.

Freeze Dryer

CleanVac 8

Basic Items

Main Body

Cold Trap Temp : -85°C
 Trap Chamber : 310D x 300H/mm
 Compressor : 1 HP x 2
 Max. Capacity : 8 Liter

Chemical Trap

General corrosion resistant

Oil Mist Trap

Outlet mist filter

Vacuum tube fitting

Clamp 25, Silicon Tube

Vacuum grease

150g, Dow Corning

Basic Items

Clear Chamber

General type, Tray 3ea
 3ea Bulk Tray
 Outdiameter 230 mm and 10 mm deep
 Stainless tray with EP passivation

Vacuum Pump

WooSung Automa W2V20
 1 x 10-4torr, 200liter/min



Clear Chamber

General type, Tray 3ea
 3ea Bulk Tray
 Outdiameter 230 mm and 10 mm deep
 Stainless tray with EP passivation

AV1M1000291



Stoppering system

Clear Chamber (With Stoppering system)
 Stoppering, Tray 2ea

AV1S1000292 Manual Pressure Unit
 AV1S1000293 Automatic Pressure Unit



Heater Plates

Clear Chamber With Heater Plates
 Clear chamber in acrylic for bulk drying by electric heater
 Heat up to 43°C

AV1M1000293

Optional Accessories



Vacuum Pump

M03077 WooSung Automa W2V20, 1 x 10-4torr, 200liter/min



Flask Manifold

Type 304 Stainless Steel manifold with 4,8,12 freeze dry valve and support shelf

M06075 4 holes
 M06077 8 holes
 M06073 12 holes



Mainfold Valve

Stainless steel manifolds are ideal for freeze-drying contents of serum vials ampules, or small flasks.

M06081



Flask Adapter

Variety of adapters available
 Stainless steel adapters, available with 45° bend

M06081



Flask cap

Top seals easily.
 The flexible silicone rubber top snaps on and off easily, yet provides a reliable high vacuum seal.

M06069 45mm flask cap / M06071 75mm flask cap



Bowl Flask Adapter

Either 19/38 or 24/40 standard taper joints material AL6062

M14011 3/4" Valve use, 29 flask use
 M14012 3/4" Valve use, 24 flask use



Flask

Wide mouth opening fast, cleans easily.
 Flat bottom reduces spills, provides better balance & a high strength borosilicate glass bottom to withstand extreme temperatures and high vacuum.

M06061 F40 : 40ml - 45mm flask
 M06065 F80 : 80ml - 45mm flask
 M06053 F120 : 120ml - 45mm flask
 M06055 F150 : 150ml - 45mm flask
 M06059 F300 : 300ml - 45mm flask
 M06063 F600 : 600ml - 75mm flask
 M06067 F900 : 900ml - 75mm flask
 M06051 F1200 : 1200ml - 75mm flask
 M06057 F2000 : 2000ml - 75mm flask



Ample Manifold

Type 304 Stainless steel with tube stems

M06218 Ample Manifold, 24 ea
 M06217 Ample Manifold, 12 ea



Ample Adapter

Adapter connects ampules to valve 3/4" Valve use, 29 flask use



Tube Adapter

Tube adapter connects ampules to valve ports or Aluminum stems.

M04085 3/4"