

# Freeze dryer

-60° down to -90°C, many accessories available

**NEW**



FD-8 with 12 port T-type manifold (not included)

## FD-8 -60° down to -90°C

### Ideal for:

- wide range from pharmaceuticals, biology, food industry to petrol-chemistry and semiconductor industry, etc.

### Features:

- ergonomic design and compact body size for all laboratory tables
- allows automatic or manual process control
- temperature, vacuum and timer can be controlled at automatic mode
- rapid integrated hot gas defrost function for quick next cycle turn-around
- LED indication light in case of suitable temperature and vacuum
- homogeneous temperature distribution across all shelves in dry chamber
- made of stainless steel
- backlight LCD display indicates temperature and vacuum
- CE certified and unique serial number for tracing

### Controller:

- digital fuzzy controller with **Jog-Shuttle-switch** (turn + push) and touch button

Model	FD-8
Chamber & max. condenser capacity	chamber: 8 l, max. condenser: 10 l
Sublimation rate	3 l/day
Max. temperature	cold trap: -90°C, condenser: -40°C
Set temperature range	-60°C to -90°C
Pressure range	10 - 0.01 torr
Compressor and defrost type	compressor: 1/2 HP, defrost type: manual
Dimensions (W x D x H) & weight	400 x 530 x 415 mm, condenser: Ø 300 x 150 mm, 55 kg
Packing size & gross weight	560 x 760 x 675 mm, 60 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz
Order number 230V	DH.Frd00208
Order number 120V	DH.Frd00108



### Recommended vacuum pump: Rocker 800

Model	Rocker 800	
Voltage	110V / 60Hz	230V / 50Hz
Max. vacuum	-670 mmHg	
Max. flow rate	100 l/min	84 l/min
Motor rotation	1750 rpm	1450 rpm
Horse power	1/3 HP	
Noise level	68 dB	
Port thread	3/8 inch (10 mm)	
Order number	00829 167800-11	00829 167800-22

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