

FreeZone 4.5 Liter Benchtop Freeze Dry System

Catalog Number: 7750040



Weight: 102.0 lbs

Weight metric: 46.0 kg

Dimensions: 18.6" w x 18.5" d x 22.5" h

Dimensions metric: 47.2 cm w x 47.0 cm d x 57.2 cm h

Electrical: 230 volts, 60 Hz, 7 A

Collector Temperature: -50°C, -58°F

Conformance: CAN/CSA C22.2, UL

Electrical Standard: Domestic

Ice Holding Capacity: 4.5 L

Options Included: Built-in 10-port Drying Chamber

Plug Type: North America, 230 volt

Style: Benchtop

Vacuum Pump Displacement

Required: 86 L/Min. or larger displacement

FreeZone 4.5 Liter Benchtop Freeze Dry System is designed for light aqueous sample loads. This model is not for use with samples containing acetonitrile. Removes a maximum of over 2 liters of water in 24 hours.* Includes brushed stainless steel and powder-coated steel exterior; LCD that displays system operating parameters; set-up parameters and alarm messages (choice of temperature in °C and ° F, choice of vacuum in mBar, Pa and Torr); 1/3 hp CFC-free refrigeration system; red alarm light; LED vacuum and temperature wave graphs; patented moisture sensor; vacuum control/break valve; rear-mounted RS-232 port; automatic start-up switch for collector cool-down and vacuum pull-down with manual override switches; retractable collector drain line; power switch; rear-mounted electrical receptacle for vacuum pump connection (pump not included); 3/4" OD vacuum connection; 3/4" ID vacuum hose; and two clamps. Features a permanently-installed 10-port stainless steel drying chamber and stainless steel collector chamber and coil.

* Freeze drying rate will be lower for samples other than shell-frozen plain water. For optimum performance, room temperature should be 21° C (70° F) or colder.