

12 Port Dry Ice Benchtop Freeze Dryer, -75°C, -103°F



View online: <https://www.labconco.com/product/12-port-dry-ice-benchtop-freeze-dry-system-75c-103f/380>



Overview

For the laboratory with occasional lyophilization requirements, the Dry Ice Benchtop Freeze Dryer provides a simple, economical means of freeze-drying. Since dry ice cools alcohol or other heat transfer solutions to approximately 75 degrees C or -103 degrees F, the Dry Ice Benchtop Freeze Dry System is ideal for processing materials with low eutectic points. The Dry Ice Benchtop Freeze Dry System is equipped with a center well for dry ice and solvent that serves as a water vapor collector and doubles as a convenient pre-freezing bath. Flasks, serum bottles and ampules may be frozen by dipping and rotating them in the well. Type 304 stainless steel with twelve valves and a single run capacity of 1 liter. Valves accommodate either 1/2" or 3/4" flask adapters. Includes dry ice/solvent center well with 1.92 liter capacity and cover, 1/2" outside diameter port for connection to vacuum pump and 3/8" outside diameter port or connection to vacuum gauge.

Catalog Number: 7522700

Specifications

- **Weight:** 14.0 lbs
- **Weight metric:** 6.4 kg
- **Dimensions:** 9.75" h x 8.75" dia.
- **Dimensions metric:** 24.8 cm h x 22.2 cm dia.
- **Collector Temperature:** -75°C, -103°F
- **Ice Holding Capacity:** 1L
- **Style:** Benchtop

Description

Required Accessories

- Rotary vane direct drive vacuum pump with a minimum displacement of 144 liters/minute, 0.002 mBar ultimate pressure and fitting suitable for 3/4" ID vacuum hose
- Drying accessory: chamber, manifold or tray dryer (some models include a stoppering tray dryer)
- Freeze dry glassware if not bulk freeze drying
- Vacuum Gauge
- Tubing
- Dry Ice

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