



LYODRY BENCHTOP PRO FREEZE DRYER

TOUCH SCREEN CONTROL, DATA LOGGING, MODULAR, -55°C OR -85°C CONDENSER

The **LyoDry Benchtop Pro Freeze Dryer** incorporates all features of the **standard LyoDry Compact**...

- CONDENSER TEMPERATURE -55°C OR -85°C
- ICE CONDENSER CAPACITY 5Kg
- MODULAR - USE WITH YOUR PREFERRED DRYING CHAMBER OR MANIFOLD
- FULLY STAINLESS STEEL CABINET
- HOT GAS DEFROST
- DIRECT REPLACEMENT FOR MODULYO FREEZE DRYER
- UK DESIGNED, MANUFACTURED AND SUPPORTED



...occupying the same footprint, with enhanced functionality:

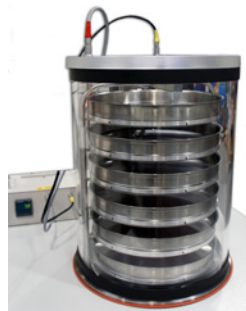


- WIDE SCREEN TOUCH OPERATOR INTERFACE
- ICONS FOR EASY NAVIGATION
- REAL TIME AND HISTORICAL TRENDRING OF TEMPERATURE AND PRESSURE VALUES
- DATA-LOGGING
- PASSWORD PROTECTION
- ALARM HISTORY
- ETHERNET COMMS
- PRESSURE CONTROL
- MULTIPLE PROFILE CREATION WHEN USED WITH LSAD6H HEATED SHELF ACCESSORY

This robust design includes a smooth wall, stainless steel ice condenser with a front mounted bottom drain and USB connection. The LyoDry Benchtop was originally designed as a direct replacement for the Edwards Modulyo® benchtop freeze dryer. Many standard Modulyo drying accessories (e.g. acrylic chamber, tray drying accessory, etc) are directly interchangeable, offering significant cost savings if only the condenser needs replacing. Choose from a **variety of LyoDry accessories** to accommodate bulk materials, flasks, vials and ampules.



LSAD6 Chamber and Tray Drying Accessory



LSAD6H Heated Tray Drying Accessory



LSDCV 8-Port Acrylic Chamber



LSPM24 24-Port SS Drying Manifold

UK designed, manufactured and supported, the LyoDry Benchtop Pro offers a superior, keenly priced, freeze drying solution with enhanced functionality, ideal for freeze drying a wide variety of samples.



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TECHNICAL SPECIFICATION

Part number and model	LSB55P LyoDry Benchtop Pro	LSB85P LyoDry Benchtop Pro
Maximum condenser chamber capacity	5 litres	5 litres
Ice removal capacity (in 12 hours)	1.2kg (2.6 lbs)	1.2kg (2.6 lbs)
Ice removal capacity (in 24 hours)	2.3kg (5.1 lbs)	2.3kg (5.1 lbs)
Maximum ice capacity	4.5kg (9.9 lbs)	4.5kg (9.9 lbs)
Operating temperature (based on based on tests in well vented room; condenser under vacuum with no load)	-55 °C	-85 °C
Temperature display range	Ambient to -60 °C	Ambient to -90 °C
Pressure display range	0.01 mbar to 1000 mbar	0.01 mbar to 1000 mbar
Pressure control range	0.05 - 1 mbar	0.05 - 1 mbar
Data transfer port	USB	USB
Refrigeration compressor type	2/3 hp hermetic unit	1/2 / 1/3 hp hermetic unit (x2)
Dimensions (H x W x D)	332 x 455 x 600 mm	332 x 555 x 685 mm
Weight	55kg (121 lbs)	77kg (170 lbs)
Power requirements	230VAC/50 Hz, 1.9 kW 115VAC/60 Hz	230VAC/50 Hz, 2.3 kW 115VAC/60 Hz



Add a drying accessory, such as the LSAD6 chamber, vacuum pump, and optional, purpose built SS trolley for a complete, freeze drying solution.



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.