

LYODRY BENCHTOP PRO FREEZE DRYER

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

MECHATECH
SYSTEMS
10
YEARS+
TECHNICAL VACUUM EXCELLENCE
SINCE 2008

Distributor for Scandinavia

Low2High

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
- CFC FREE; HOT GAS DEFROST
- DIRECT REPLACEMENT FOR MODULYO FREEZE DRYER
- UK DESIGNED, MANUFACTURED AND SUPPORTED



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

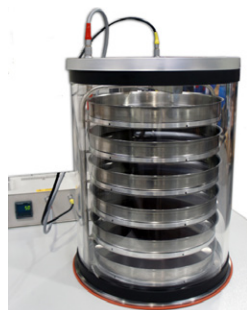


- WIDE SCREEN TOUCH OPERATOR INTERFACE
- ICONS FOR EASY NAVIGATION
- REAL TIME AND HISTORICAL TRENDING OF TEMPERATURE AND PRESSURE VALUES
- DATA-LOGGING
- PASSWORD PROTECTION
- ALARM HISTORY
- ETHERNET COMMS
- PRESSURE CONTROL
- MULTIPLE PROFILE CREATION WHEN USED WITH LSAD6H HEATED SHELF ACCESSORY

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.

MechaTech Systems Ltd, Units 9 & 10 Brunel Way,
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Registered in England and Wales No. 6469333

www.mechatechsystems.co.uk



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TECHNICAL SPECIFICATION

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Part number and model	LSB55P LyoDry Benchtop Pro	LSB85P LyoDry Benchtop Pro
Maximum condenser chamber volume	7.2 litres	7.2 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	5kg (11 lbs)	5kg (11 lbs)
Operating temperature (based on tests in well vented room at 20°C ambient; 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 - CFC free	1/2 / 1/3 hp hermetic unit CFC free
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	230VAC/50 Hz, 2.3 kW
	115VAC/60 Hz	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.

SEE OUR **FULL RANGE OF LYODRY / MODULYO FREEZE DRYER ACCESSORIES AND SPARES ONLINE**, OR CONTACT OUR SALES TEAM FOR FURTHER DETAILS

FOR FURTHER INFORMATION: Distributor for Scandinavia contact Low2High Vacuum AB

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