

LYODRY MIDI PRO FREEZE DRYER

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

MECHATECH
SYSTEMS

TECHNICAL VACUUM EXCELLENCE
SINCE 2008

10 YEARS+
+



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

- CONDENSER TEMPERATURE -55°C OR -85°C
- ICE CONDENSER CAPACITY 18Kg
- MODULAR - USE WITH YOUR PREFERRED DRYING CHAMBER OR MANIFOLD
- INTEGRAL VACUUM PUMP
- HOT GAS DEFROST
- DIRECT REPLACEMENT FOR SUPERMODULO EF12K 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 OR LSCC10H 10-SHELF HEATED CHAMBER



Compact, free standing and castor mounted, the LyoDry Midi Pro is designed to fit beside a standard laboratory bench with a fully accessible cabinet for easy access to the integral vacuum pump (an Edwards RV12 as standard, or the optional nXDS15i dry scroll pump if preferred).

Automatic hot gas defrost, temperature and vacuum indicators provide added control and time saving advantages for your process.

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



LYODRY MIDI PRO FREEZE DRYER

MECHATECH
SYSTEMS

10 YEARS+
TECHNICAL VACUUM EXCELLENCE
SINCE 2008

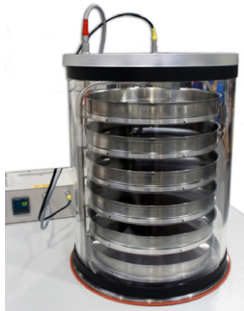
TECHNICAL SPECIFICATION

Part number and model	LSM55P LyoDry Midi Pro	LSM85P LyoDry Midi Pro
Maximum condenser chamber volume	44.5 litres	44.5 litres
Ice removal capacity (in 12 hours)	6kg (13 lbs)	6kg (13 lbs)
Ice removal capacity (in 24 hours)	10.5kg (23 lbs)	10.5kg (23 lbs)
Maximum ice capacity	18kg (40 lbs)	18kg (40 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	1 hp hermetic unit - CFC free	1 hp hermetic unit (x2) - CFC free
Dimensions (H x W x D)	945 x 700 x 950 mm	945 x 700 x 950 mm
Weight	230kg (507 lbs)	237kg (522lbs)
Power requirements	230VAC/50 Hz, 13.0 A	230VAC/50 Hz, 13.0 A

The LyoDry Midi Pro was originally designed as a direct replacement for the Edwards SuperModulyo® freeze dryer. Many standard SuperModulyo 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. When used with either LSAD6H Heated Tray Drying Accessory or LSCC10H heated 10-tray chamber, multiple profiles (freeze drying 'recipes') can be created.



LSAD6 Chamber and Tray Drying Accessory



LSAD6H Heated Tray Drying Accessory



LSDCV 8-Port Acrylic Chamber



LSPM24 24-Port SS Drying Manifold



LSCC10 10-tray SS chamber



Wolflabs

Wolf Laboratories Limited

www.wolflabs.co.uk

Tel: 01759 301142

Fax: 01759 301143

sales@wolflabs.co.uk



Use the above details to contact us if this literature doesn't answer all your questions.

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.

