

LSSP SPIN FREEZER

INCLUDES 5 INTERCHANGEABLE CARRIERS INSIDE SELF-CONTAINED VACUUM CHAMBER TO FACILITE FREEZING AND PRIMARY DRYING



The LSSP Spin Freezer is a self-contained vacuum chamber which is designed to facilitate both the freezing and primary drying of samples in glass ampoules.

The LSSP is designed to operate as a low speed centrifuge. It utilizes evaporative cooling and centrifugation to freeze samples in a thin layer on one side of each ampoule for faster drying.

A simple timer can be set to automatically stop rotation when samples are fully frozen. Primary drying (sublimation of ice) then proceeds under vacuum.

For maximum flexibility, the LSSP is supplied complete with 5 interchangeable carriers constructed of aluminium, each capable of handling different sized ampoules (ampoules not supplied). The plate assembly consists of: 5 sets of carriers, 2 plates to each set and 1 base.

The LSSP Spin Freezer speed is 500 RPM at 50Hz. Time ranges can be set from 9 seconds to 999 hours. 230V, 50Hz supply (alternative supply available upon request).

The carriers will accommodate ampoules as follows:

| Quantity: | Capacity: | Max OD: |
|-----------|----------------|----------|
| 96 | 0.5 ml ampules | 7.93 mm |
| 80 | 1.0 ml ampules | 9 mm |
| 36 | 2.0 ml ampules | 13 mm |
| 24 | 5.0 ml ampules | 15.87 mm |
| 12 | 10 ml ampules | 20.5 mm |

The LSSP Spin Freezer is compatible with the following freeze dryer condensers:

[LyoDry Compact Benchtop](#)

[LyoDry Benchtop Pro](#)

[LyoDry Midi](#)

[LyoDry Midi Pro](#)

Modulyo

Supermodulyo



SEE OUR FULL RANGE OF LYODRY / MODULYO FREEZE DRYER ACCESSORIES AND SPARES [ONLINE](#), OR CONTACT OUR SALES TEAM FOR FURTHER DETAILS

CONTACT US FOR A QUOTATION AND/OR FURTHER INFORMATION:

enquiries@mechatechsystems.co.uk | +44 (0) 1454 414723

MechaTech Systems Ltd, Unit 9 Brunel Way,
Thornbury Industrial Estate, Thornbury, Bristol, UK. BS35 3UR.
Registered in England and Wales No. 6469333

www.mechatechsystems.co.uk



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