Frozen in Time Ltd.

Manufacturers of Freeze Drying Machines
and Vacuum Cold traps

F-500 Freeze drier

UK Manufactured

The F500 freeze drier is a short cycle, high-performance unit featuring stainless steel shelves that conduct heat directly to the product rather that radiating. Freeze drying with conduction does not require such high shelf temperatures and is therefore safer for the product and easier to program and control.

The key features of this unit are:

- Fast drying capabilities of between 16 and 24 hours for 500kg depending on product type.
- Fully programmable automatic cycle with 19inch touch screen HMI.
- Remote access and monitoring via internet and direct factory support.
- Shelf area of 51 m^2 and a shelf spacing of 30 mm
- Fast initial product freezing via conduction and blast freezing.

The F-500 is also ideal for large scale product development and small-scale production activities.

Water cooling is required for the refrigeration system and appropriate sized water chiller supplied if needed.

Technical Data	F500
Ice condenser capacity	680 kg
Ice condenser performance:	560kg / 24 h
Ice condenser temperature:	-60 °C
Defrost:	Hot gas
Shelf dimensions:	170 × 130cm
Number of shelves:	23 +1
Shelf area:	51 m^2
Shelf spacing:	3cm
Shelf temperature:	-50 °C to +90 °C
Cooling systems:	Water cooled
Refrigeration:	Two Stage
Unit dimensions:	240 × 220 × 500cm (H × W × D)
Refrigerant:	R449A
Vacuum :	Pfeiffer Duo 255

Part No

F-500   **FIT/LYO/07/2**

Please enquire for a more detailed specification and price

WolfLabs

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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