

Frozen in Time Ltd.

Manufacturers of Freeze Drying Machines
and Vacuum Cold traps

F250 Freeze drier

UK Manufactured

The F250 freeze drier is a short cycle, high-performance unit featuring stainless steel shelves conducting heat directly to the product rather than radiating. Freeze drying with conduction does not require such high shelf temperatures and is therefore safer for the product and easier to program.

The key features of this unit are:

- Fast drying capabilities of between 16 and 24 hours for 250kg depending on product type.
- Fully programmable automatic cycle with 19inch touch screen HMI.
- Remote access via internet and direct factory support.
- Shelf area of 26m² and a shelf spacing of 30 mm
- Fast initial product freezing via conduction and blast freezing.

The F-250 is also ideal for large scale product development and small-scale production activities.

Water cooling is required for the refrigeration system and we can supply an appropriate sized chiller if needed.



Technical Data	F250
Ice condenser capacity	320 kg
Ice condenser performance:	290kg / 24 h
Ice condenser temperature:	-60 °C
Defrost:	Hot gas
Shelf dimensions:	130 × 100cm
Number of shelves:	20 +1
Shelf area:	26 m ²
Shelf spacing:	3cm
Shelf temperature:	-50 °C to +90 °C
Cooling systems:	Water cooled
Refrigeration:	Two Stage
Unit dimensions:	220 × 185 × 380cm (H × W × D)
Refrigerant:	R449A
Vacuum :	Pfeiffer Duo 125

Part No

F-250 **FIT/LYO/04/2**

Please enquire for a more detailed specification and price

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