

Frozen in Time Ltd.

Manufacturers of Freeze Drying Machines
and Vacuum Cold traps

FR-250 Freezedrier

UK Manufactured

The FR-250 freeze dryer is a short cycle, high-performance unit featuring stainless steel shelves that radiate heat to the product. The product is held in anodised aluminium trays that are suspended between the heater shelves on an overhead rail mounted removable cassette.

The cassette trolley allows for a batch of trays to be prepared in advance then easily loaded and unloaded for quick turnaround times.

A continuously defrosting ice condenser system prevents the need to defrost the unit between batches.

The key features of this unit are:

- Fast drying capabilities of between 16 and 24 hours for 250kg wet volume depending on product type.
- Continuous defrost condenser.
- Fully programmable automatic cycle with 17" touch screen HMI.
- Remote access via internet and direct online factory support.
- Tray area of 24.5 m² and a shelf spacing of 60 mm

The FR-250 is also ideal for large scale product development and medium-scale production activities.

The refrigeration system is cooled with a water chiller, which we can provide if required.



Technical Data	FR250
Ice condenser:	Continuous
Ice condenser temperature:	-55 °C
Defrost:	Cold steam
Number of trays:	88
Tray area:	24.5m ²
Shelf spacing:	6cm
Shelf temperature:	Up to 130°C
Cooling systems:	Water cooled
Refrigeration:	2 x RTSL-30-120Y screw compressor
Unit dimensions:	220 x 220 x 550cm (H x W x D)
Refrigerant:	R404A
Vacuum :	Hena 301S backing pump Okta 300 boost pump

Part No

FR-250

FIT/LYO/250/1

Please enquire for a more detailed specification and price

FROZEN IN TIME Ltd

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