Frozen in Time Ltd.

Manufacturers of Freeze Drying Machines
and Vacuum Cold traps

F100 Freeze drier

UK Manufactured

The F100 freeze dryer is a short cycle, high-performance unit featuring stainless steel shelves conducting heat directly to the product rather than radiating heat.

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 100kg depending on product type.
- Fully programmable automatic cycle with 19inch touch screen HMI.
- Remote access via internet and direct factory support.
- Shelf area of 10.4 m^2 and a shelf spacing of 30 mm
- Fast initial product freezing via conduction and blast freezing.

The F-100 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	F100
Ice condenser capacity	150 kg
Ice condenser performance:	130 kg / 24 h
Ice condenser temperature:	-60 °C
Defrost:	Hot gas
Shelf dimensions:	100 × 80cm
Number of shelves:	13 +1
Shelf area:	10.4 m^2
Shelf spacing:	3cm
Shelf temperature:	-50 °C to +90 °C
Cooling systems:	Water cooled
Refrigeration:	Two Stage
Unit dimensions:	210 × 200 × 300cm (H × W × D)
Refrigerant:	R449A
Vacuum :	Pfeiffer Duo 65

Part No

F-100 **FIT/LYO/01/2**

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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Please contact us if this literature doesn't answer all your questions.