

# Frozen in Time Ltd.

Manufacturers of Freeze Drying Machines  
and Vacuum Cold traps

## F250 Freeze drier

### UK Manufactured

The F250 freeze dryer 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 26m<sup>2</sup> 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 <sup>2</sup>                |
| Shelf spacing:             | 3cm                              |
| Shelf temperature:         | -50 °C to +90 °C                 |
| Cooling systems:           | Water cooled                     |
| Refrigeration:             | Two Stage                        |
| Unit dimensions:           | 220 × 185 × 380cm<br>(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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# 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.