

Лабораторный морозильник FROSTER LABO 330 PRO-ACTIVE

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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FROSTER LABO 330 PRO-ACTIVE

Equipment

- 4 shelves
- Forced-air cooling
- Key Switch
- Comfortable access
- Automatic fast defrosting
- Condensate evaporation
- potential-free contact
- Digital temperature display
- Rapid freezing cycle
- Door frame heater
- Visual and audible alarm signal
- Minimum/maximum temperature memory



PRO-ACTIVE-Features

- Faster response time in the event of impending faults thanks to proactive alarms
- Data recording can be read out via USB interface using a USB stick and software
- Minimisation of temperature deviations in the interior
- Maximum storage safety thanks to harmonised components



- **PRO-ACTIVE- Control:** Permanent, proactive monitoring of the performance data and alerts in the case of deviations – so that you can take countermeasures in good time before a fault threatens your chilled goods; world's most accurate temperature control in refrigerated areas thanks to two standard PT-1000 sensors.
- **External housing** made from galvanised sheet steel (rust-proof), with white, anti-scratch powder coating. Length of the plug cable: approx. 2.8 m.
- **Adjustable feet** to compensate for uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior consists** of four plastic-coated shelves on overlays.
- **Extra-thick energy saving insulation**, made from high-quality, compression-moulded and environmentally friendly material.
- **Self-closing door** with easy-to-replace plastic magnetic seal frame, lockable.
- **Door hinge** on the right-hand side (by default, see illustration), or the left-hand side, can be retrofitted.
- **Forced-air cooling**, switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.
- **Automatic fast defrosting** thanks to time-limited and temperature-monitored reversal of the refrigerant circuit.
- **Condensate evaporates** in the refrigerating machine interior.
- **Key switch** protected control panel against tampering. Membrane keyboard with digital temperature display and minimum/maximum temperature memory.
- **Power failure alarm** (visual and audible alarm), the monitoring unit remains in operation for approx. 30 hours on battery power.
- **Warning functions** with visual and audible alarm signal in the case of temperature deviations or other malfunctions. Door open alarm after 60 seconds.
- **Alarms** can be forwarded using a potential-free contact (e.g., to a mobile phone with optional KIRSCH EVOLUTION CLOUD or to a control centre).
- **Data documentation** can be read via USB interface with KIRSCH Datanet software.
- **Rapid freezing cycle** ensures that the goods to be cooled are frozen quickly.
- **Ventilation-enforced refrigerating machine**, hermetically sealed, energy saving, low-noise, easy to service.
- **Door frame heater** prevents icing of the door.

Specification

Capacity	300 litres
Temperature setting	approx. -10 °C to -30 °C
Voltage	220 – 240 V, 50 Hz
Power consumption	590 watts
Normal consumption	3.69 kWh/24 h
Admissible ambient temperature	from +10 °C to +32 °C
Heat emission (max.)	693 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 74 x 78 x 166 cm
Useable dimensions	w x d x h = 57 x 42 x 80 cm
Exterior dimensions with door open at 90°	w x d = 74 x 141 cm
Shelf size	w x d = 57 x 42 cm
Max. load shelf	40 kg
Weight (net./gross)	127 kg/142 kg
Temperature deviation without defrosting	+/-1 °C
Noise emission	51 dB(A)

Optional equipment

KIRSCH refrigerators and freezers offer numerous equipment options that can be retrofitted.



Castors

Can be equipped with steering and fixed castors.



Decorative frame

Made of stainless steel, allows to cover door with a decorative panel (thickness max. 2 mm).



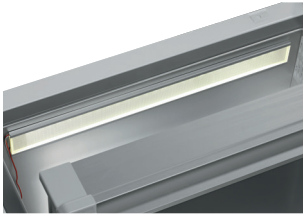
Plastic-drawer on roller runners

Up to 12 drawers are possible in total.



Additional length and cross dividers

for the optimum organisation of your refrigerated goods.



Interior lighting ceiling

Optional, optimised and energy-efficient illumination of the interior via LED light strip.



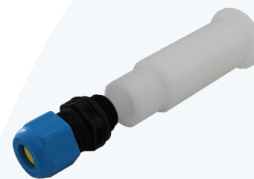
Additional Shelves

Wire shelves, robust with load capacity up to 40 and 50 kg.



Vario Support

Storage shelf on castors.



Access Port

Simple insertion of an external temperature sensor with integrated cable feed-through.



Condensation tray

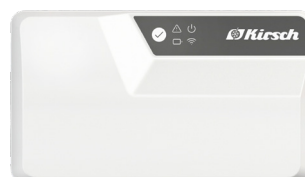
for manual disposal of condensation water.

Accessories for temperature documentation



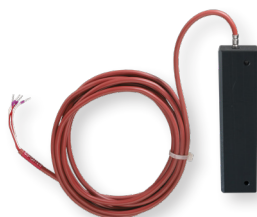
PC-KIT-NET

Automatic temperature documentation and monitoring via your network (LAN connection).



KIRSCH EVOLUTION CLOUD-Module

Maximum storage safety through optimal connectivity and real-time monitoring.



External PT100/PT1000 with cold block

Additional temperature sensor for connection to existing/external monitoring system.



Circular blade temperature recorder

Depending on the model, it is either installed in the machine compartment panel of the refrigerator or freezer or integrated into an additional housing attachment.

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