Touch-Display, elegant glass design, capacitive

Graphical display of the temperature curve and min/max temperature, logbook

Access control by RFID/password

Forced-air cooling

Visual and audible alarm signal

4 shelves

Comfortable access

Rapid freezing cycle

Automatic fast defrosting

Door frame heater

potential-free contact/ RJ 45 socket

Condensate evaporation

Comfortable access

The sophisticated opening mechanism makes it even simpler to fit our systems with interior containers.

FROSTER LABO 330 ULTIMATE

300 l | **-10 to -30 °C** | **USB**

- **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.
- **Touch-Display,** elegant glass design, caoacitive.
- **Access control** with protocol.
- **Graphical display** of the temperature curve and min/max temperature
- **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 70 mm 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.
- **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 defective function and power failure. In the case of power failure, the monitoring unit remains in operation for approx. 30 hours on battery power. Door open alarm after 60 seconds.
- **Alarms** can be forwarded by network or potential-free contact.
- **Digital data documentation** readable via PC-KIT-NET or USB interface and software KIRSCH Datanet.
- **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	550 watts
Normal consumption	4.62 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 77 x 166 cm
Interior dimensions	w x d x h = 59 x 52 x 95 cm (usable width 2 cm, usable depth 10 cm, usable height 13 cm less)
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 weight 125 kg, gross weight 142 kg

Optional equipment

- **LED-Illumination** at the top.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Equipped with castors.**
- **Aluminium-drawer** on roller runners
  w x d x h = 53 x 37 x 10 cm (a maximum of five drawers is possible).
- **Additional length and cross dividers** (for drawer).
- **Stainless steel drawer** (liquid tight)
  w x d x h = 53 x 37 x 10 cm (a maximum of five drawers is possible).
- **Additional shelf** on rails or overlays.
- **Basket** on rails
  w x d x h = 56 x 40 x 10 cm.
- **Vario Suport,** Storage Shelf on roller runners.
- **GSM-Module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation:**
  - 4-pin PT 100 or PT 1000 temperature sensor, class 1/3 B, including built-in reference body.
  - Mechanical pen-recording thermometer with two waxed paper strips.