Touch-Display, elegant glass design, capacitive

Access control by RFID/password

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

Forced-air cooling

Visual and audible alarm signal

Rapid freezing cycle

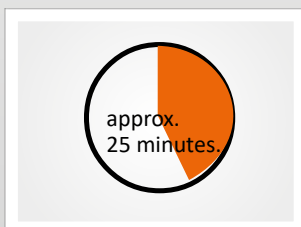Comfortable access

Door frame heater

5 shelves

Automatic fast defrosting

potential-free contact/ RJ 45 socket

Condensate evaporation

FROSTER LABO 530 ULTIMATE

approx. 25 minutes.

Fast defrosting
Fast defrosting significantly reduces defrosting periods with minimal temperature variations.

FROSTER LABO 530/730 ULTIMATE

■ **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, capacitive.

■ **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. 3 m.

■ **Equipped with castors.**

■ **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15mm) for flexible interior arrangement.

■ **Interior consists** of five 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 stainless steel heated dish beneath the refrigerator floor.

■ **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

	FROSTER LABO 530 ULTIMATE	FROSTER LABO 730 ULTIMATE
Capacity	500 litres	700 litres
Temperature setting	approx. -10 °C to -25 °C	approx. -10 °C to -25 °C
Voltage	220 – 240 V, 50 Hz	220 – 240 V, 50 Hz
Power consumption	227 watts	230 watts
Normal consumption	4.42 kWh/24 h	4.58 kWh/24 h
Admissible ambient temperature	from +10 °C to +32 °C	from +10 °C to +32 °C
Heat emission (max.)	426 watts	428 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 77 x 76 x 193 - 196 cm	w x d x h = 77 x 98 x 193 - 196 cm
Interior dimensions	w x d x h =* 62 x 57 x 140 cm	w x d x h =* 62 x 87 x 140 cm
Exterior dimensions with door open at 90°	w x d = 77 x 144 cm	w x d = 77 x 165 cm
Shelf size	w x d = 59 x 65 cm	w x d = 59 x 65 cm
Max. load shelf	40 kg	40 kg
Weight	Net weight 140 kg, gross weight 183 kg	Net weight 165 kg, gross weight 200 kg

usable width 2 cm, usable depth 11 cm, usable height 13 cm less.

Optional equipment

■ **LED-Illumination** mounted on top.

■ **Decorative door frame** for attaching the customer's decorative plates.

■ **Adjustable feet** to compensate for uneven floors.**Water-cooled refrigerating machine.**

■ **Housing made of stainless steel 4301**, longitudinal brushed.

■ **Aluminium-drawer on roller runners**
FROSTER LABO 530 ULTIMATE: w x d x h = 56 x 39 x10 cm, FROSTER LABO 730 ULTIMATE: w x d x h = 56 x 60 x10 cm, (a maximum of eight drawers is possible).

■ **Additional length and cross dividers** (for drawer).

■ **Stainless steel drawer** (liquid tight)
FROSTER LABO 530 ULTIMATE: w x d x h = 56 x 39 x 10 cm, FROSTER LABO 730 ULTIMATE: w x d x h = 56 x 60 x 10 cm, (a maximum of eight drawers is possible).

■ **Additional shelf** on rails or overlays.

■ **Basket** on rails
FROSTER LABO 530 ULTIMATE: w x d x h = 60 x 45 x 10 cm, FROSTER LABO 730 ULTIMATE: w x d x h = 60 x 65 x 10 cm.

■ **Aluminium tray** with rails

■ **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.
- Kirsch Evolution Cloud