

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

5 shelves

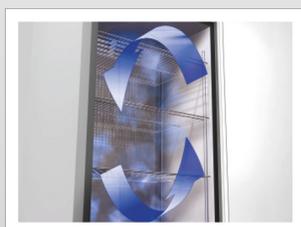
potential-free contact/  
RJ 45 socket

Door frame heater

Automatic fast defrosting



FROSTER LABEX® 530 ULTIMATE



**Forced-air cooling**  
High temperature precision by protected circulation fan.



**Explosion protection - Zone 2**  
The interior is free from ignition sources.

# FROSTER LABEX® 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.
- **Valve controlled pressure compensation** for easier door opening.
- **Automatic fast defrosting** thanks to time-limited and temperature-monitored reversal of the refrigerant circuit. Defrost sensors are protected by safety barriers.
- **Removable condensation container.**
- **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.
- **Power failure alarm** (visual and audible alarm), the monitoring unit remains in operation for approx. 30 hours on battery power.
- **Alarms** can be forwarded by network or potential-free contact.
- **Digital data documentation** readable via PC-KIT-NET or USB interface and software KIRSCH Datenet.
- **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 LABEX® 530 ULTIMATE	FROSTER LABEX® 730 ULTIMATE
Capacity	500 litres	700 litres
Temperature setting	approx. -10 °C to -30 °C	approx. -10 °C to -30 °C
Voltage	220 – 240 V, 50 Hz	220 – 240 V, 50 Hz
Power consumption	550 watts	550 watts
Normal consumption	5.80 kWh/24 h	6.02 kWh/24 h
Admissible ambient temperature	from +10 °C to +32 °C	from +10 °C to +32 °C
Heat emission (max.)	717 watts	706 watts
Exterior dimensions (including distance from wall and door handle)	w x d x h = 77 x 76 x 196 cm	w x d x h = 77 x 98 x 196 cm
Interior dimensions	w x d x h =* 62 x 57 x 140 cm	w x d x h =* 62 x 77 x 140 cm
Exterior dimensions with door open at 90°	w x d = 77 x 144 cm	w x d = 77 x 166 cm
Shelf size	w x d = 59 x 45 cm	w x d = 59 x 65 cm
Max. load shelf	40 kg	40 kg
Weight	Net weight 138 kg, gross weight 163 kg	Net weight 165 kg, gross weight 200 kg

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

## Optional equipment

- **Decorative door frame** for attaching the customer’s decorative plates.
- **Adjustable feet** to compensate uneven floors.
- **Cooling machine water-cooled.**
- **Outer housing in stainless steel 4301**, longitudinal brushed.
- **Plastic-drawer on roller runners**, conductive (only FROSTER LABEX® 530 ULTIMATE) w x d x h = 57 x 39 x 5.6 cm (a maximum of twelve drawers is possible).
- **Additional length and cross dividers** for the drawer (only FROSTER LABEX® 530 ULTIMATE).
- **Additional shelf** on rails or overlays.
- **Basket**  
 FROSTER LABEX® 530 ULTIMATE: w x d x h = 60 x 45 x 10 cm, FROSTER LABEX® 730 ULTIMATE: w x d x h = 60 x 65 x 10 cm, each with rails.
- **Aluminium tray**  
 FROSTER LABEX® 530 ULTIMATE: w x d x h = 60 x 40 x 2.5 cm, FROSTER LABEX® 730 ULTIMATE: w x d x h = 60 x 65 x 2.5 cm, each with rails.
- **GSM-Module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation.**
  - Temperature sensor PT 100 or PT 1000, **with safety barriers** and reference body (measuring bottle or cold block) is installed.
  - 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.