Digital temperature display

Key switch

USB-Port for reading out data

Minimum/maximum temperature memory

Forced-air cooling

Visual and audible alarm signal

Rapid freezing cycle

Comfortable access

5 shelves

Door frame heater

Automatic fast defrosting

potential-free contact/ RJ 45 socket by optional PC-KIT-NET

FROSTER LABEX® 530

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
PRO-ACTIVE

500 l/ 700 l	-10 to -30 °C	USB	32		@				x5			

- **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. 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 miniizes 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.**
- **Key switch** protected control panel against tampering. Membrane keyboard with digital temperature display and minimum/maximum temperature memory. Control and display sensors protected by safety barriers.
- **Warning functions** with visual and audible alarm signal in the in the case of temperature deviations or other malfunctions. 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 using a potential-free contact (e.g., to a mobile phone with optional GSM-Module 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

	FROSTER LABEX® 530 PRO-ACTIVE	FROSTER LABEX® 730 PRO-ACTIVE
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	570 watts
Normal consumption	5.80 kWh/24 h	6.68 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 195.5 cm	w x d x h = 77 x 97 x 195.5 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 141 kg, gross weight 164 kg	Net weight 157 kg, gross weight 183 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 PRO-ACTIVE) 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 PRO-ACTIVE).
- **Additional shelf** on rails or overlays.
- **Basket**
  FROSTER LABEX® 530 PRO-ACTIVE: w x d x h = 60 x 45 x 10 cm, FROSTER LABEX® 730 PRO-ACTIVE: w x d x h = 60 x 65 x 10 cm, each with rails.
- **Aluminium tray**
  FROSTER LABEX® 530 PRO-ACTIVE: w x d x h = 60 x 40 x 2.5 cm, FROSTER LABEX® 730 PRO-ACTIVE: 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.**
  - PC-KIT-NET (Network capable version).
  - Temperature sensor PT 100 or PT 1000, **with safety barriers** and reference body (measuring bottle or cold block) is installed.
  - Mechanical pen-recording thermometer with two waxed paper strips.