Digital temperature display

Key switch

Forced-air cooling

5 shelves

Automatic
fast defrosting

Condensate evaporation

LABO-720

USB-Port for reading out data

Antifreeze

Minimum/maximum
temperature memory

Visual and audible
alarm signal

Comfortable access

Connection for
forwarding alarms
and for PC-supported
temperature
documentation

Low-noise compressor

approx.
4 minutes.

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

VDW
Crucial Temperature Solutions

LABO 520/720
PRO-ACTIVE

- **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** with cross-flow blower, 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.
- **Key switch** protected control panel against tampering. Membrane keyboard with digital temperature display and minimum/maximum temperature memory.
- **Warning functions** with visual and audible alarm signal 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.
- **Antifreeze** against sub-zero temperatures.
- **Ventilation-enforced refrigerating machine**, hermetically sealed, energy saving, low-noise, easy to service.
- **Low-noise compressor** reduces noise to 40 dB (corresponds to noise level I; sound perception: whisper).

Specification

	LABO 520	LABO 720
Capacity	500 litres	700 litres
Temperature setting	approx. +0 °C to +15 °C	approx. +0 °C to +15 °C
Voltage	220 – 240 V, 50/60 Hz	220 – 240 V, 50/60 Hz
Power consumption	250 watts	250 watts
Normal consumption	1.4 kWh/24 h	1.46 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C	from +10 °C to +38 °C
Heat emission (max.)	553 watts	553 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 77 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 45 cm	w x d = 59 x 65 cm
Max. load shelf	40 kg	40 kg
Weight	Net weight 120 kg, gross weight 148 kg	Net weight 145 kg, gross weight 174 kg

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

Optional equipment

- **Glass door** with lock.
- **LED-Illumination** mounted on side wall.
- **Adjustable feet** to compensate uneven floors.
- **Condensate container** can be emptied manually if no condensation is required (e.g., in an operating theatre).
- **Plastic-drawer on roller runners** (only LABO-520) w x d x h = 57 x 39 x 5.6 cm, (a maximum of twelve drawers is possible).
- **Aluminium-drawer on roller runners** LABO-520: w x d x h = 56 x 39 x 10 cm, LABO-720: w x d x h = 56 x 60 x 10 cm, (a maximum of eight drawers is possible).
- **Additional length and cross dividers** (for drawer).
- **Stainless steel-drawer** (liquid tight) LABO-520: w x d x h = 56 x 39 x 10 cm, LABO-720: 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 LABO-520: w x d x h = 60 x 45 x 10 cm, LABO-720: w x d x h = 60 x 65 x 10 cm.
- **Aluminium tray** LABO-520: w x d x h = 60 x 40 x 2.5 cm. LABO-720: w x d x h = 60 x 65 x 2.5 cm, with rails.
- **GSM-Module** for alarm text message transmission.
- **Temperature documentation.**