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
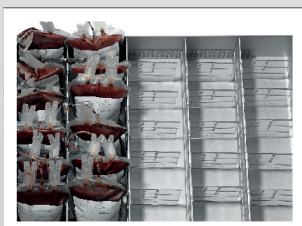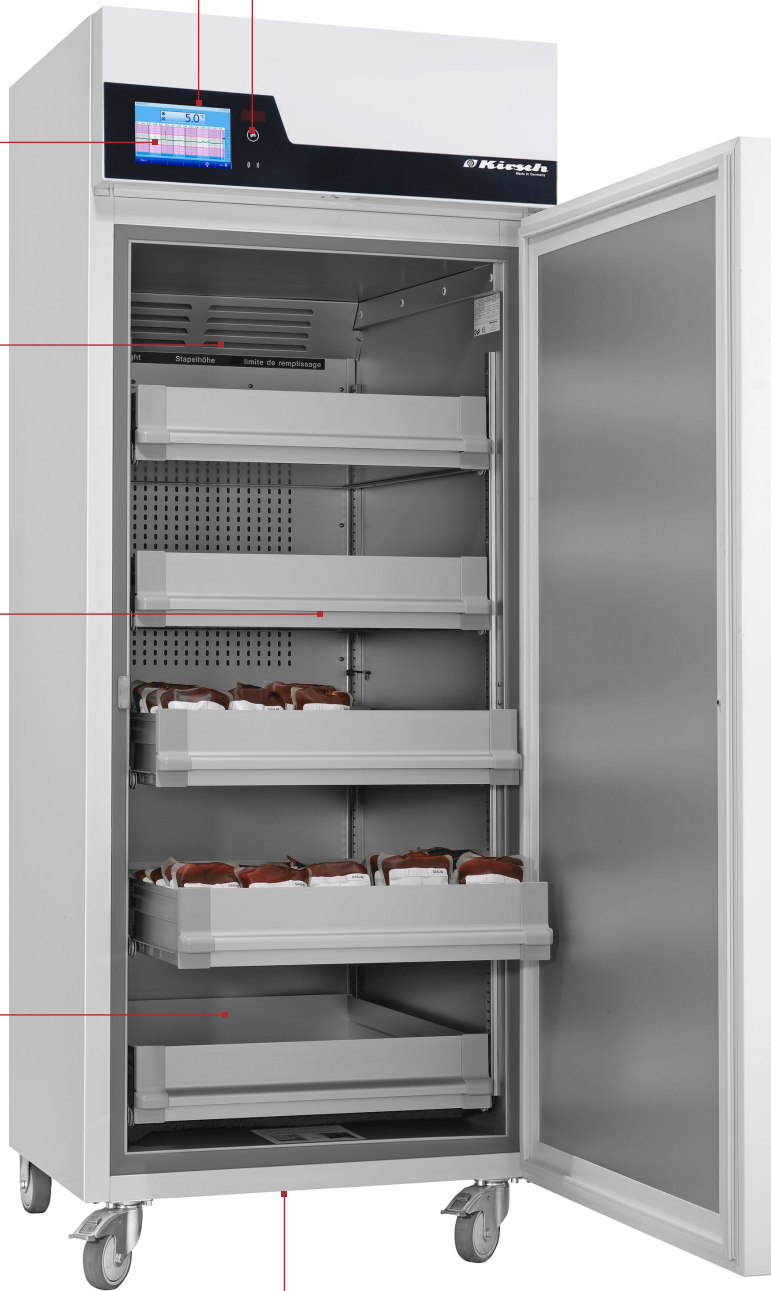signal, even in the case
of power failure

5 drawers

Comfortable access

Automatic fast
defrosting

potential-free contact/
RJ 45 socket

Condensate evaporation

Low-noise compressor

Large capacity storage
Capacity per drawer app. 45
blood bags, each 500 ml size.

Reliable antifreeze
against sub-zero temperatures.
Cooling machine switches off
via electronic board.

Alarm +2 °C

BL 720
ULTIMATE

700 l | **+4 °C** | **USB**

according to DIN 58371

- **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 15 mm) for flexible interior arrangement.
- **Interior consists** of five drawers of aluminium, height adjustable on telescopic runners with stops. Stacking height: 23cm.
- **Extra-thick 70-mm insulation**, made from high-quality, compression-moulded and environmentally friendly material. Energy saving.
- **Self-closing door** with easy-to-replace plastic magnetic seal frame, lockable.

- **Door stop** 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.
- **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** an be forwarded by network or potential-free contact.
- **Digital data documentation** readable via PC-KIT-NET or USB interface and software KIRSCH Datanet.
- **Antifreeze** against sub-zero temperatures.
- **Ventilation-enforced refrigerating machine**, vibration free, hermetically sealed, energy saving, low-noise, easy to service. Inlet air and exhaust air flow through the ventilation slits at the front.
- **Low-noise compressor** reduces noise to 40 dB (corresponds to noise level I; sound perception: whisper).

Specification

Capacity	700 litres
Temperature setting	+4 °C
Voltage	220 – 240 V, 50/60 Hz
Power consumption	250 watts
Normal consumption	1.56 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	554 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 77 x 98 x 195.5 cm
Interior dimensions	w x d x h = 62 x 77 x 140 cm (usable width 2cm, usable depth 11cm usable heigth 13 cm less)
Exterior dimensions with door open at 90°	w x d = 77 x 166 cm
Drawer inner dimensions	w x d x h = 56 x 60.5 x 10 cm
Max. load drawer	50 kg
Weight	Net weight 164 kg, gross weight 190 kg

Optional equipment

- **Glass door** with lock.
- **LED illumination** mounted at the top.
- **Adjustable feet** to compensate for uneven floors.
- **Cooling maschine** with cold water connection.
- **Outer housing** in stainless steel 4301, longitudinal brushed.
- **Additional drawer** made of aluminium.
- **Drawer insert** (set) with 4 adjustable length and 40 cross dividers per drawer.
- **Additional length and cross dividers.**
- **Drawer** made of stainless steel instead of aluminium.
- **Shelf** 59.7 x 45 cm on rails or overlays.
- **Baskets** on rails 60 x 65 x 10 cm.
- **Aluminium tray** with rails 60 x 65 x 2,5 cm.
- **Condensate container** can be emptied manually if no condensation is required (e.g., in an operating theatre).
- **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.