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

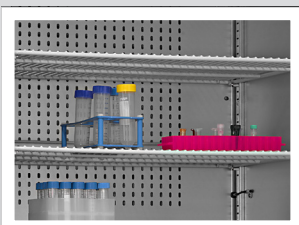Visual and audible alarm signal

5 Shelves

Comfortable access

Automatic fast defrosting with removable conden-sation container

potential-free contact/ RJ 45 socket

Antifreeze

LABEX® 520 ULTIMATE

Interior protected
Possible static charges are prevented by a dissipation sys-tem.

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

Ex

LABEX® 520/720

ULTIMATE

| 500 l/ 700 l | 0 to +15 °C | USB | | | | | | | | | | | | |

- **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 shelves on brackets.
- **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 hinge** on the right-hand side as standard (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** with time limit and temperature monitoring. Defrost sensors are protected by safety barriers.
- **Removable condensation container.**
- **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.
- **Antifreeze** against sub-zero temperatures.
- **Ventilation-enforced refrigerating machine**, hermetically sealed, energy saving, low-noise, easy to service.

Specification

	LABEX® 520 ULTIMATE	LABEX® 720 ULTIMATE
Capacity	500 Liter	700 Liter
Temperature setting	approx. +0 °C to +15 °C	approx. +0 °C to +15 °C
Voltage	220 – 240 V, 50 Hz	220 – 240 V, 50 Hz
Power consumption	234 Watt	237 Watt
Normal consumption	1,2 kWh/24 h	1,23 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C	from +10 °C to +38 °C
Heat emission (max.)	543 Watt	545 Watt
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
Shelfsize	w x d = 59 x 45 cm	w x d = 59 x 65 cm
Max. load shelf	40 kg	40 kg
Weight	netto 120 kg, brutto 148 kg	netto 145 kg, brutto 174 kg

Optional equipment

- **Glass door with lock.**
- **Adjustable feet** to compensate uneven floors.
- **Drawer conductive on roller runners**
  Only for LABEX® 520 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 drawer).
- **Additional shelf** on rails or brackets.
- **Basket on rails**
  LABEX® 520 ULTIMATE: w x d x h = 60 x 45 x 10 cm, LABEX® 720 ULTIMATE: w x d x h = 60 x 65 x 10 cm.
- **Aluminium tray with rails**
  LABEX® 520 ULTIMATE: w x d x h = 60 x 40 x 2.5 cm, LABEX® 720 ULTIMATE: w x d x h = 60 x 65 x 2.5 cm.
- **Outer housing in stainless steel 4301**, longitudinal brushed.
- **Water-cooled refrigerating machine.**
- **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 a**nd 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.

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