MED 520 ULTIMATE

according to DIN 13277

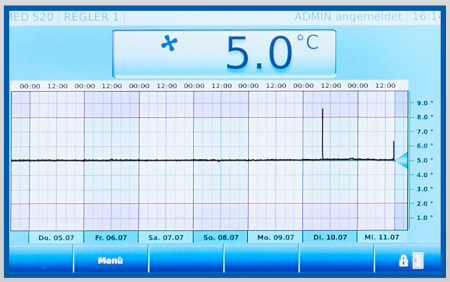
Equipment

- Forced-air cooling
- 12 drawers
- Automatic defrosting
- Condensate evaporation
- Equipped with castors
- Potential-free contact
- Antifreeze
- Visual and audible alarm signal, even in the case of power failure
- Minimum/maximum temperature memory

MADE IN GERMANY

ULTIMATE-Features

- Touch display, capacitive, elegant glass design
- Graphic display of the temperature curve with logbook function
- Access control via password entry or RFID possible
- PC-KIT-NET for temperature documentation and monitoring via LAN



Compressor with inverter technology

- Environmentally friendly natural refrigerant R600a. Very low GWP value = 3 (Global Warming Potential)
- Reduction in power consumption by 45 % compared to the previous model (power consumption = 0.82 kWh/24 h)
- Extended service life due to demand-orientated power adjustment
- Frequency: 50/60 Hz
- Low-noise operation

If you need further support or have any questions, please contact us.

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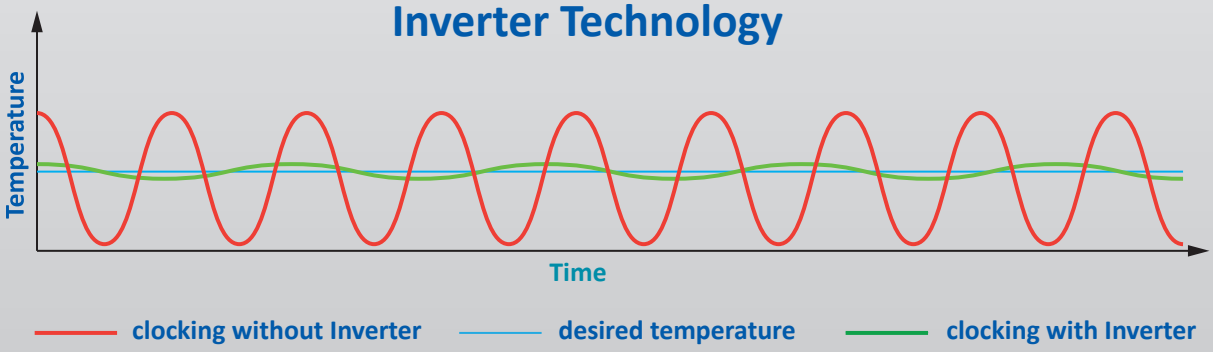
Inverter Technology



- **PRO-ACTIVE-Control:** Permanent, proactive monitoring of the performance data and alerts in the case of deviations. 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 (rustproof), with white, anti-scratch powder coating. Length of the plug cable: approx. 3 m.
- **Equipped with castors.**
- **Interior** can be customised (surcharge may apply). See optional equipment.
- **Interior made from** smooth aluminium with colourless protective coating. Shelf support slots at 15 mm intervals for flexible interior arrangement.
- **Extra-thick 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 (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 evaporation** in stainless steel heated dish beneath the refrigerator floor.
- **Electronic temperature control**, tamper-proof by RFID/password with digital display and temperature memory.
- **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 temperature deviations or other malfunctions. Door open alarm after 60 seconds.
- **Alarms** can be forwarded via email or SMS using them Kirsch EVOLUTION CLOUD Module (optional).
- **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

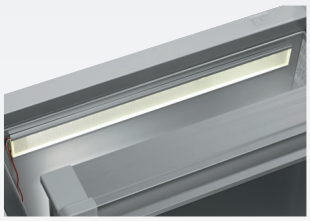
Capacity	500 litres
Temperature setting	approx. +2 °C to +15 °C
Voltage	220 – 240 V, 50/60 Hz
Power consumption	66 watts
Normal consumption	0.82 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	554 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 77 x 76 x 195.5 cm
Useable dimensions	w x d x h = 57.3 x 39 x 129 cm
Exterior dimensions with door open at 90°	w x d = 77 x 144 cm
Drawer inner dimensions	w x d x h = 57.3 x 39 x 5.6 cm
Max. load: drawer / Shelf	24 kg / 40 kg
Weight (net/gross)	151 kg/ 174 kg
Temperature deviation	+/-0.8 °C
Noise emission	47.1 dB(A)

Optional equipment

KIRSCH refrigerators and freezers offer numerous equipment options that can be retrofitted.

Glass door with lock

Glass door allows visual inspection without opening.



Interior lighting, Side wall

Optional, optimal and energy-efficient lighting for the interior using an LED lightstrip.

Additional length and cross dividers

for the optimum organisation of your refrigerated goods.

Drawers on runners

Up to twelve drawers are possible in total.

Lockable drawer (top)

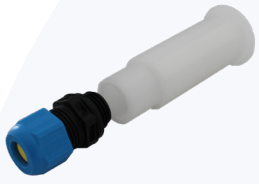
Protects special refrigerated goods from unauthorised access.

Additional Shelves

Wire shelves, robust with load capacity up to 40 and 50 kg.

Vario Support

Storage shelf on roller runners.



Access Port

Simple insertion of an external temperature sensor with integrated cable feed-through.

Door coupling

Connects the furniture door to the device.

Levelling feet

Levelling feet instead of castors.

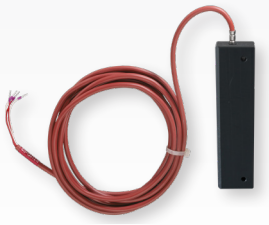
Condensation tray

for manual disposal of condensation water.

Decorative frame

Made of stainless steel, allows to cover door with a decorative panel (thickness max. 2 mm).

Equipment for temperature documentation



External PT100/PT1000 with cold block

Additional temperature sensor for connection to existing/external monitoring system.

KIRSCH EVOLUTION CLOUD-Module

Maximum storage safety through optimal connectivity and real-time monitoring. *

* For more information about our cloud, please contact us.

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