

# MED 520 PRO-ACTIVE

according to DIN 13277

## Equipment

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

MADE IN  
GERMANY



## PRO-ACTIVE-Features

- Faster response time in the event of impending faults thanks to proactive alarms
- Data recording can be read out via USB interface using a USB stick and software
- Minimisation of temperature deviations in the interior
- Maximum storage safety thanks to harmonised components

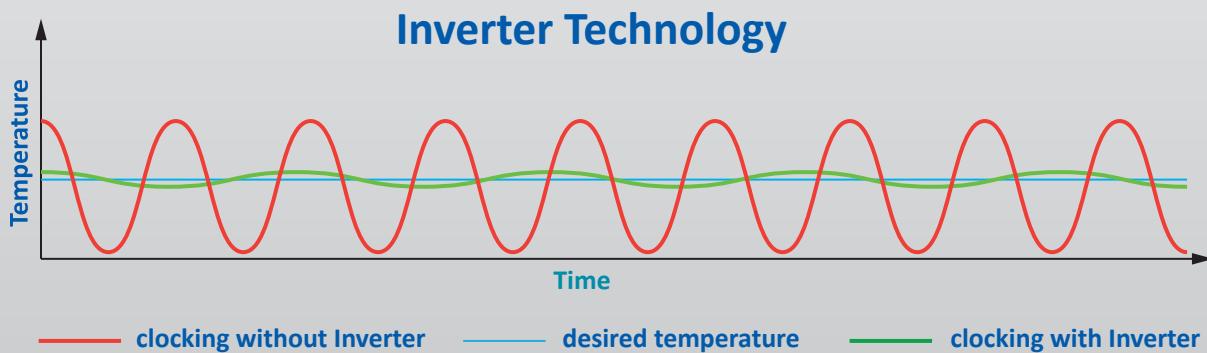


## Compressor with inverter technology

- 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/24h)
- 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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- **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.
- **External housing** made from galvanised sheet steel (rustproof), with white, anti-scratch powder coating. Length of the plug cable: approx. 2.8 m.
- **Equipped with castors.**
- **Interior made from** smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior** can be customised (surcharge may apply). See optional equipment.
- **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.
- **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 via email or SMS using the Kirsch EVOLUTION CLOUD Module (optional).
- **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.

## 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	24 kg
Weight (net/gross)	145 kg/ 168 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

Transparency: avoid opening the door unnecessarily to inspect the contents. Lockable.



### Interior lighting, side wall

Optional, optimal and energy-efficient lighting for the interior or 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



#### PC-KIT-NET

Automatic temperature documentation and monitoring via your network (LAN connection).



#### KIRSCH EVOLUTION CLOUD-Module

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



#### External PT100/PT1000 with cold block

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



#### Circular blade temperature recorder

Depending on the model, it is either installed in the machine compartment panel of the unit or integrated into an additional housing attachment.

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

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