

# FROSTER LABO 530 ULTIMATE

according to DIN 13277

## Equipment

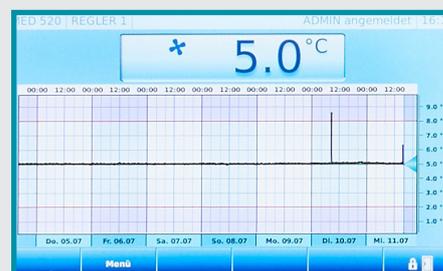
- Forced-air cooling
- 5 shelves
- Comfortable access
- Automatic defrosting
- Condensate evaporation
- Potential-free contact
- Digital temperature display
- Rapid freezing cycle
- Door frame heater
- Visual and audible alarm signal
- Minimum/maximum temperature memory

**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

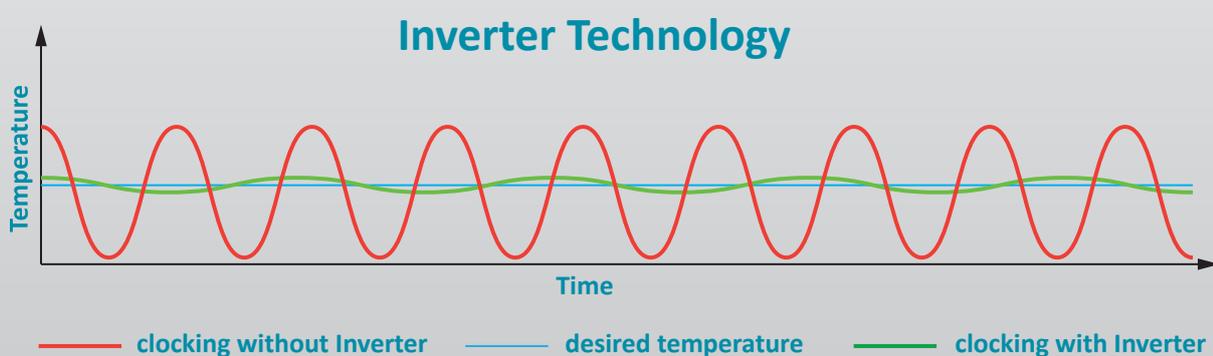


## Compressor with inverter technology

- Environmentally friendly natural refrigerant R290. Very low GWP value = 3 (Global Warming Potential)
- Reduction in power consumption by 43 % compared to the previous model (power consumption = 4.42 kWh/24h)
- Extended service life due to demand-orientated power adjustment
- Frequency: 50/60 Hz

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.
- **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. 2.8 m.
- **Equipped with castors.**
- **Interior made from** smooth aluminium with colourless protective coating. Gibs (every 15mm) for flexible interior arrangement.
- **Interior** can be customised (surcharge may apply). See optional equipment.
- **Extra-thick 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,** switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.
- **Condensate evaporates** in stainless steel heated dish beneath the refrigerator floor.
- **Electronic Temperature control,** tamper-proof by RFID/password with digital display and temperature memory.
- **Automatic fast defrosting** thanks to time-limited and temperature-monitored reversal of the refrigerant circuit.
- **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 using a potential-free contact (e.g., to a mobile phone with optional KIRSCH EVOLUTION CLOUD or to a control centre).
- **Digital data documentation** readable via network (PC-KIT-NET) or USB interface and software KIRSCH Datanet.
- **Rapid freezing cycle** ensures that the goods to be cooled are frozen quickly.
- **Ventilation-enforced refrigerating machine,** hermetically sealed, energy saving, low-noise, easy to service.
- **Door frame heater** prevents icing of the door.

## Specification

Capacity	500 litres
Temperature setting	approx. -10 °C to -25 °C
Voltage	220 – 240 V, 50 and 60 Hz
Power consumption	213 watts
Normal consumption	4.3 kWh/24 h
Admissible ambient temperature	from +10 °C to +32 °C
Heat emission (max.)	417 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 77 x 76 x 195.5 cm
Usable dimensions	w x d x h = 59 x 45 x 129 cm
Exterior dimensions with door open at 90°	w x d = 77 x 144 cm
Shelf size	w x d = 59 x 45 cm
Max. load shelf	40 kg
Weight (net/gross)	141 kg/164 kg
Temperature deviation without defrosting	+/-0.8 °C
Noise emission	53 dB(A)

## Optional equipment

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



### Levelling feet

Levelling feet instead of castors.



### Decorative frame

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



### Plastic-drawer on roller runners

Up to 12 drawers are possible in total.



### Additional length and cross dividers

for the optimum organisation of your refrigerated goods.



### Interior lighting, side wall

Optional, optimised and energy-efficient illumination of the interior via LED light strip.



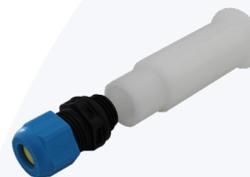
### Additional Shelves

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



### Vario Support

Storage shelf on castors.



### Access Port

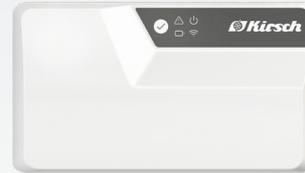
Simple insertion of an external temperature sensor with integrated cable feed-through.

## Accessories 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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