

# LABO 288 ULTIMATE

according to DIN 13277

## Equipment

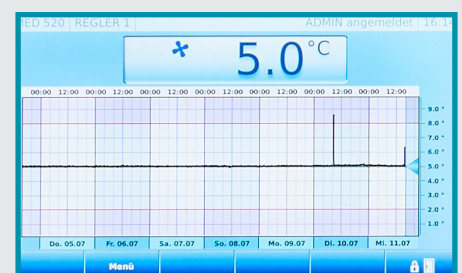
- 3 shelves
- Forced-air cooling
- Automatic defrosting
- Condensate evaporation
- Potential-free contact
- Antifreeze
- Visual and audible alarm signal, even in the case of power failure
- Minimum/maximum temperature memory



**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

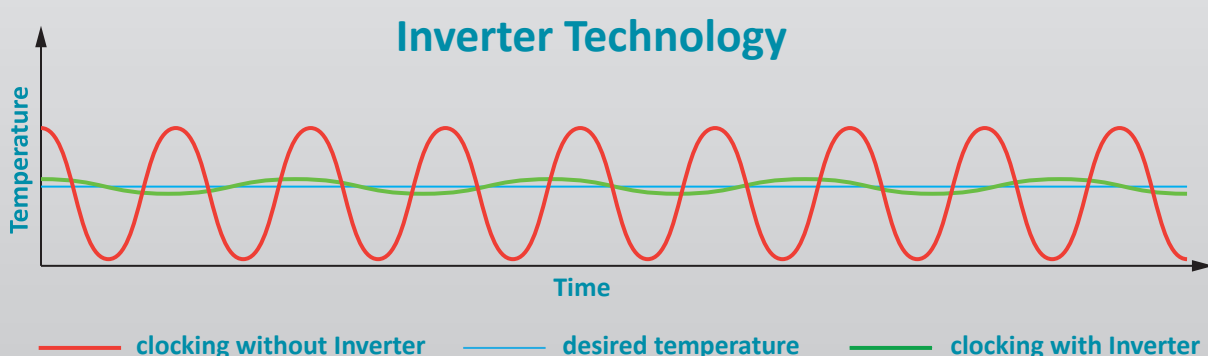


## Compressor with inverter technology

- Environmentally friendly natural refrigerant R600a. Very low GWP value = 3 (Global Warming Potential)
- Reduction in power consumption by 15 % compared to the previous model (power consumption = 0.58 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.
- **Adjustable feet** to compensate uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating. Shelf support slots at 15 mm intervals 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.
- **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 defrosting** with time limit and temperature monitoring.
- **Condensate evaporates** in the refrigerating machine interior.
- **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 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 PC-KIT-NET or USB interface and software KIRSCH Datanet.
- **Antifreeze** against sub-zero temperatures.
- **Statically ventilated refrigerating machine,** hermetically sealed, energy saving, low-noise, easy to service.

## Specification

Capacity	280 litres
Temperature setting	approx. 0 °C to +15 °C
Voltage	220 - 240 V, 50/60 Hz
Power consumption	34 watts
Normal consumption	0.58 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	144 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 67 x 72 x 132 cm
Usable dimensions	w x d x h = 52.7 x 39 x 92 cm (usable depth below: 15 cm less)
Exterior dimensions with door open at 90°	w x d = 67 x 130 cm
Shelf size	w x d = 52.7 x 39 cm
Max. drawer/shelf load	16kg/40 kg
Weight (net/gross)	71 kg / 83 kg
Temperature deviation	+/-0.5 °C
Noise emission	41 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.



### Condensation tray

for manual disposal of condensation water.



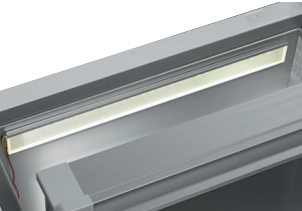
### Plastic-drawer on roller runners

Up to eight drawers are possible in total.



### Additional length and cross dividers

for the optimum organisation of your refrigerated goods.



### Interior lighting, ceiling

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



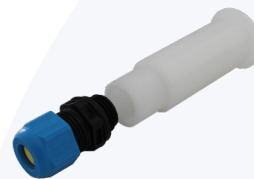
### Additional Shelves

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.



### Door coupling

Connects the furniture door to the device.



### Castors

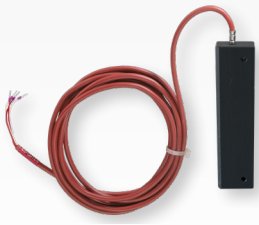
Can be equipped with steering and fixed castors.



**Decorative frame**

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

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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