



**High temperature precision**

The axial fan we use for forced-air cooling is specially protected through a mains adapter.



**Explosion protection - Zone 2**

The interior is free from ignition sources.

# LABEX® 288

## PRO-ACTIVE



- **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.
- **External housing** made from galvanised sheet steel (rustproof), with white, anti-scratch powder coating. Length of the plug cable: approx. 2.8 m.
- **Adjustable feet** at the front to compensate uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior consists** of one drawer (conductive) with stops on roller runners and three height adjustable shelves on overlays.  
There are two adjustable length divider and nine adjustable cross dividers per drawer. Storage surface per drawer = 0.16 m<sup>2</sup>.
- **Extra-thick 55-mm insulation**, made from high-quality, compression-moulded and environmentally friendly material. Energy saving.
- **Lockable door** with easy-to-replace plastic magnetic seal frame.
- **Door hinge** on the right-hand side (by default, see illustration), or the left-hand side, can be retrofitted.
- **Forced-air cooling** (axial fan is protected), switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.
- **Automatic defrosting** with time limit and temperature monitoring. Defrost sensors are protected by safety barriers.
- **Removable condensation container.**
- **Key switch** protected control panel against tampering. Membrane keyboard with digital temperature display and minimum/maximum temperature memory. Control and display sensors protected by safety barriers.
- **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 (only LABEX®-288).
- **Alarms** can be forwarded using a potential-free contact (e.g., to a mobile phone with optional GSM-Module or to a control centre).
- **Data documentation** can be read via USB interface with KIRSCH Datanet software.
- **Antifreeze** against sub-zero temperatures.
- **Statically ventilated refrigerating machine**, hermetically sealed, energy saving, low-noise, easy to service.

## Specification

LABEX® 288 PRO-ACTIVE	
Capacity	280 litres
Temperature setting	approx. 0 °C to +15 °C
Voltage	220 – 240 V, 50/60 Hz
Power consumption	100 watts
Normal consumption	0.76 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	173 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 67 x 75 x 124 cm
Interior dimensions	w x d x h =* 53 x 50 x 100 cm
Exterior dimensions with door open at 90°	w x d = 67 x 135 cm
Shelfsize	w x d = 52 x 39 cm
Drawer inner dimensions	w x d x h = 50 x 32 x 5.6 cm
Max. load drawer/shelf	16 kg/40 kg
Weight	Net weight 72 kg, gross weight 85 kg

\*usable depth above: 9 cm, below: 13 cm less.

## Optional equipment

- **Glass door** with lock.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Door fitting** (two pieces required).
- **Drawer on roller runners** (a maximum of seven drawers is possible).
- **Additional length and cross dividers** (for drawer).
- **Additional shelf** on rails or overlays.
- **GSM-Module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation.**
  - PC-KIT-NET
  - Temperature sensor PT 100 or PT 1000, **with safety barriers** and 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.
  - Mechanical pen-recording thermometer with two waxed paper strips.