FOUNDED 1865
MANUFACTURER OF REFRIGERATION
TECHNOLOGY FOR THE HEALTH SECTOR

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LABO-100

Standalone or undercounter installation

Forced-air cooling

potential-free contact/ RJ 45 socket by optional PC-KIT-NET

Antifreeze

2 shelves

Visual and audible alarm signal

Automatic defrosting

Key switch

Digital temperature display

Minimum/maximum temperature memory
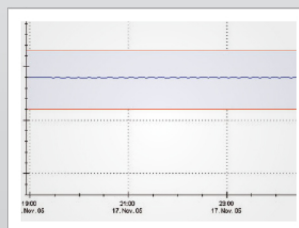
Condensate evaporation

Low-noise compressor

USB-Port for reading out data

Low-noise compressor
Reduces noise to 40 dB (corresponds to noise level I; sounds perception: whisper).

High temperature precision
even when installed powerful and ventilated refrigerator by forced-air cooling.

LABO 100
PRO-ACTIVE

`95 l` `+2 to +20 °C` `USB`

- **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 (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 impact-resistant, white plastic with moulded-in shelves.
- **Interior consists** of two plastic-coated shelves.
- **Extra-thick 50 mm energy saving insulation**, made from high-quality, compression-moulded and environmentally friendly material.
- **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**, switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.

- **Automatic defrosting** with time and temperature monitoring.
- **Condensate evaporates** in the refrigerating machine interior.
- **Key switch** protected control panel against tampering. Membrane keyboard with digital temperature display and minimum/maximum 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 GSM-Module or to a control centre).
- **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.
- **Low-noise compressor** reduces noise to 40 dB (corresponds to noise level I; sound perception: whisper).

Specification

Capacity	95 litres
Temperature setting	approx. +2 °C to +15 °C
Voltage	220 – 240 V, 50/60 Hz
Power consumption	76 watts
Normal consumption	0.64 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	184 watts
Overall dimensions (including distance from wall)	w x d x h = 54 x 54 x 82 cm
Interior dimensions	w x d x h = 44 x 43 x 47 cm (usable depth 5 cm, usable width 2 cm less)
Exterior dimensions with door open at 90°	w x d = 54 x 106 cm
Shelf size	w x d = 43 x 33 cm
Max. load shelf	25 kg
Weight	Net weight 44 kg, gross weight 53 kg

Optional equipment

- **Glass door** with lock.
- **Tabletop** (exterior dimensions: 85cm in height).
- **Decorative door frame** for attaching the customer's decorative plates (exterior dimensions: 55cm in width).
- **Door fitting.**
- **Equipped with castors.**
- **Additional plastic drawer**
  w x d x h = 40 x 32 x 5.6 cm.
- **Additional length and cross dividers** for drawer.
- **Additional shelf.**
- **Condensate container** can be emptied manually if no condensation is required (e.g., in an operating theatre).
- **GSM-Module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation:**
  - PC-KIT-NET (network capable version)
  - 4-pin PT 100 or PT 1000 temperature sensor, class 1/3 B, including built-in reference body (measurement bottle or refrigerating block).
  - Mechanical pen-recording thermometer with two waxed paper strips.