


Laboratory Refrigerator LABEX-288 with recirculating air-cooling and with explosion-proof interior

TÜV approved according to guideline 94/9 EG (ATEX 95),

EN 1127-1:1997 and BGR 120, figure 3.8 with marking according to ATEX  II 3 G T6

Digital temperature display ● minimum/maximum temperature memory ● potential free contact ● micro processor controlled temperature and defrost mode with safety control device to prevent freezing ● optical and acoustic warning device (Sensors are protected by safety barrier)



1 Drawer/3 shelves

Capacity	280 Liters
Temperature setting	+ 2° to + 20°C
Voltage	220 – 240 V, 50/60 Hz
Power draft	140 Watt
Average consumption	0,9 kWh/24 h
Overall dimensions (incl. distance from wall and door handle)	w x d x h = 67 x 70 x 124 cm
Interior dimensions	w x d x h = 53 x 50 x 100 cm (usable depth above 9 cm, below less 14 cm)
Overall dimensions with door open at 90°	w x d = 67 x 130 cm
Shelf dimensions	52,7 x 39 cm
Drawer inner dimensions	w x d x h = 50,4 x 32 x 5,6 cm
Max. loading capacity per drawer/shelf	16 kg/ 40 kg
Weight	net 72 kg, gross 85 kg

Outer panels of galvanised sheet steel (protection against sub surface rusting), white powder coated.

Adjustable feet in case of uneven floor (Labex-288 only in front).

Interior of smooth aluminium sheet with a colourless protective coating, light metal strip with 15 mm raster.

Insulating 55 mm of high-grade pressure-foamed and pro-environmental material, extra thick for energy-saving effect.

Lockable door with plastic magnetic sealing, easy to exchange. Door does not project at side when opened.

Door hinge changeable (also subsequently), standard version with hinges on right (as illustrated). Deliverable also with door hinge on left at no extra charge.

Defrosting automatically with thermal control and time limit function (defrost sensor protected by safety barrier).

Melt water tray for manual emptying.

Recirculating air-cooling by means of a axial blower which keeps the temperature constant and

reduces the natural temperature stratification. The axial blower cuts out automatically when the door is opened, for a minimum loss of cold air.

Temperature gear by electronic thermostat. (sensor protected by safety barrier). The temperature is kept automatically, independent of changes in ambient temperatures, provided the ambient temperature is approx. 3°C above the selected interior temperature.

Key switch protected control panel with digital temperature display. Minimum/ maximum temperature memory, optical and acoustic warning signal in case of temperature deviation with potential free contact for remote monitoring. Defrost control light and red warning light. Standard equipped with interface RS485.

Safety control device prevents freezing.

Compressor hermetically enclosed, energy saving, low noise, service friendly, for 220-240 V AC, 50/60 Hz. Other voltages on request. Length of mains cable approx. 1,8 m.

Equipment features at extra charge:

- Power failure alarm (optical and acoustic up to 72 hours)
- Glass door with lock
- Additional shelves or drawers
- Castors
- GSM-Module

Appliances for temp. documentation:

- PC-Kit (USB-Version)
- PC-Kit-Net (Network capable version), incl. documentation software
- Pen-recording thermometer for placing loosely inside appliance with waxed paper strips
- PT 100 or PT 1000 sensor (incl. safety barriers) for temperature recording and monitoring via EDP system