Laboratory Refrigerator LABEX-285

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: ⟨Ex⟩ **II 3 G   T6**

Automatic defrosting ● digital temperature display ● safety control device prevents freezing ● optical and acoustic warning device ● potential free contact ● micro processor controlled temperature and defrost mode ● minimum/maximum temperature memory (Sensors are protected by safety barriers)

3 Shelves, 1 Drawer

Capacity	280 Litres
Temperature setting	approx. + 2° to + 20° C
Voltage	220-240 V, 50/60 Hz
Power draft	120 Watt
Average consumption	0,6 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 top less 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. load per drawer/ shelf	16 kg/ 40 kg
Weight	net 68 kg, gross 80 kg

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

Adjustable feet in front in case of uneven floor.

Interior of smooth aluminium with clear protective coating. Light metal strip with 15 mm raster.

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

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

Door hinge changeable (also subsequently), standard version with hinges on right (as illustrated), also deliverable with hinges on left at no surcharge.

Defrosting automatically with thermal control and time limit function.

Melt water tray for manual emptying.

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 from freezing.

Compressor static ventilated, 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
- Additional length or cross dividers
- 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

Subject to modification