

Laboratory Freezer FROSTER-520

Re-circulating air-cooling • automatic rapid defrosting • melt water evaporation • digital temperature display • minimum/maximum temperature memory • potential free contact • micro processor controlled temperature and defrost mode • superfreeze • optical and acoustic warning device



5 Shelves

Capacity	500 Litres
Temperature setting	approx. -5° to -30° C
Voltage	220 - 240 V, 50 Hz
Power draft	640 Watt
Average consumption	7,6 kWh/24 h
Overall dimensions (incl. door handle)	w x d x h = 77 x 76 x 193-196 cm
Interior dimensions	w x d x h = 60 x 57 x 140 cm (Usable depth less 12cm)
Overall dimensions with door open at 90°	w x d = 77 x 144 cm
Shelf dimensions	59,7 x 45 cm
Max. loading capacity per drawer/ shelf	24 kg/ 40 kg
Weight	net 140 kg, gross 170 kg

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

Adjustable feet in case of uneven floor.

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

Insulation, 70 mm thick, of high-grade, pressure-foamed and pro-environmental material. Extra thick for energy saving effect.

Self-closing 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 extra charge.

Re-circulating air cooling by means of a cross flow blower which keeps the temperature constant and reduces the natural temperature stratification. The cross flow blower cuts out automatically when the door is opened, for a minimum loss of cold air.

Rapid defrosting by automatic reverse of the refrigerant circuit with thermal control and time limit function.

Melt water evaporation in heated tray made of stainless steel below freezer.

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. Switch for air-humidity selection, defrost control light and red warning light. Standard equipped with interface RS485.

Temperature gear by electronic thermostat. The temperature is kept automatically, independent of changes in ambient temperatures.

Compressor, dynamic ventilated, hermetically enclosed, energy saving, low noise, service friendly, for 220-240 V AC, 50 Hz. Other voltages on request. Length of mains cable approx. 3 m.

Equipment features at extra charge:

- Power failure alarm (optical and acoustic up to 72 hours)
- Additional shelves with rails or brackets
- Baskets or aluminium trays with rails
- Only for Freezer model Froster-520: Drawers on telescopic rails (57,4 x 40 x 5,6 cm)
- Castors
- Outer panels in stainless steel 4301
- GSM-Module

Appliances for temp. documentation:

- PC-Kit (USB-Version)
- PC-Kit-Net (Network capable version), incl. documentation software
- Disc-type pen recording thermometer with 7-day measuring cycle with 100 recording discs and 5 felt tip pens
- Pen-recording thermometer for placing loosely inside appliance with waxed paper strips
- PT 100 or PT 1000 sensor for temperature recording and monitoring via EDP system