

Blood Plasma Freezer

Model Froster-BL-520/5, 5 Drawers

Model Froster-BL-520/7, 7 Drawers



according to DIN 58375

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

-32° C



The background shows the built-in disc-type pen-recording thermometer against surcharge

Capacity	500 Litres
Temperature setting	-32° C
Voltage	220 - 240 V, 50 Hz
Power draft	725 Watt
Average consumption	10,7 kWh/24 h
Overall dimensions incl. distance from wall and 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
Overall dimensions with door open at 90°	w x d = 77 x 144 cm
Weights Froster-BL-520/5	net 152 kg, gross 182 kg
Weights Froster-BL-520/7	net 160 kg, gross 190 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, hygienic, easy to clean, drawers on telescopic runners.
Drawer dimensions: w x d x h = 56 x 37 cm.

Stacking height	
Froster-BL-520/5	Froster-BL-520/7
23 cm	15,5 cm
Capacity	
5 x 58 = 290	7 x 42 = 294
Plasma cartons e.g. of 19 x 13 x 2,5 cm and 400 ml capacity.	

Insulation, 70 mm, 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), deliverable also with door hinge on left at no extra charge.

Recirculating air-cooling with 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, automatically by reversal of the refrigerant circuit, with thermal control and time limit functions. *During the defrosting period the necessary low temperature is kept.*

Melt water evaporation in heated stainless steel tray.

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. Standard equipped with interface RS485.

Temperature control via temperature sensor comparable with a flask filled with 250 ml liquid.

Temperature gear via electronic thermostat. The temperature is kept automatically independent of changes in ambient temperature provided, the ambient temperature does not exceed +32°C.

Compressor, dynamic ventilated, hermetically enclosed, with vibration-proof mountings, energy saving, low noise, service friendly, for 220-240 V AC, 50 Hz

mains. Other voltages on request. Length of mains cable approx. 3 m.

Equipment at extra charge:

- Drawer made of stainless steel instead of plastic
- Drawer length divider for stainless steel drawer
- Outer panels in stainless steel 4301
- 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
- Disc-type pen recording thermometer with 7-day measuring cycle with 100 recording discs and 5 felt tip pens
- PT 100 or PT 1000 sensor for temperature recording and monitoring via EDP system