

Blood Plasma Freezer Model Froster-BL-650

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 • safety control device prevents freezing • optical and acoustic warning device incl. power failure alarm

-41° C



Capacity	650 Liters
Temperature setting	-41° C
Voltage	220 - 240 V, 50 Hz
Power draft	960 Watt
Average Consumption	11,1 kWh/24 h
Overall dimensions incl. distance from wall and door handle	w x d x h = 82,5 cm , 102 cm , 197 cm
Interior dimensions	w x d x h = 62,5 cm , 76,5 cm , 131,5 cm
Overall dimensions with door open at 90 °	w x d = 86 cm, 177 cm
Weights *(with disc-type pen-recording thermometer)	net 220 kg, gross 260 kg

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

Interior of smooth aluminium with clear protective coating, hygienic, easy to clean, 5 stainless steel drawers on telescopic runners.

Drawer inner dimensions:

Top drawer w x d = 59 x 56 cm

Lower drawers w x d = 59 x 62 cm, stacking height 22 cm. Capacity of the top drawer app. 96 plasma cartons and of the 4 lower drawers app. each 104 plasma cartons, with a size of e.g. 19 x 13 x 2,5 cm and 400 ml, in total app. 512 plasma cartons.

Insulation: 100 mm of high grade, pressure foamed and pro-environmental material. Extra thick for energy saving effect.

Lockable door with plastic magnetic sealing, easy to change. When opened door projects at side app. 3,5 cm. Only in right hinged available.

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.

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.

Two stage Cooling machine, 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 app.3 m.

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.

Equipment at extra charge:

- Drawer length divider for stainless steel drawer
- 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
- PT 100 or PT 1000 sensor for temperature recording and monitoring via EDP system