

# Blood Plasma Freezer

## FROSTER-BL-650

According to DIN 58375

- 5 Drawers stainless steel drawers
- Re-circulating air-cooling
- Automatic defrosting
- Melt water evaporation
- Digital temperature display
- Key switch protected control panel
- Minimum/Maximum temperature memory
- Optical and acoustic warning signal including power failure alarm
- Potential free contact and interface RS 485



|   |                     |                   |
|---|---------------------|-------------------|
| Capacity  | 650 Litres          |                   |
| Temperature setting   | -41° C              |                   |
| Voltage   | 220 – 240 V         |                   |
| Frequency   | 50 Hz               |                   |
| Power draft   | 960Watt             |                   |
| Average consumption   | 11,1 kWh / 24 h     |                   |
| Overall dimensions incl. distance from wall and door handle | 82,5 x 102 x 197    | (w x d x h in cm) |
| Interior dimensions   | 62,5 x 76,5 x 131,5 | (w x d x h in cm) |
| Usable dimensions   | 60,5 x 67 x 118     | (w x d x h in cm) |
| Overall dimensions with door open at 90 °                   | 86 x 177            | (w x d in cm)     |
| Drawer inner dimensions                                     | 59 x 56 x 22        | (w x d x h in cm) |
| Loading capacity per drawer                                 | 50 kg               |                   |
| Weight  | 220 kg / 260 kg     | (net / gross)     |

**Outer panels** of galvanised 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, Capacity of the top drawer app. 96 plasma cartons, of the 4 lower drawers app. each 104 plasma cartons (each 19 x 13 x 2,5 cm), each 400 ml size.

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

**Lockable door** with easy opening mechanism, 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.

**Re-circulating** 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.

**Defrosting** with temperature and time limit function.

**Melt water evaporation** in the compressor area.

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

**Key switch protected control panel** with digital temperature display, minimum/ maximum temperature memory, optical and acoustic warning signal in case of temperature deviation and power failure alarm up to 72 hours, with **potential free contact** for remote monitoring. Standard equipped with **interface RS485**.

**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. 2m.

#### Equipment at extra charge:

- Drawer insert/dividers for stainless steel drawer
- GSM-Module

#### Appliances for temp. documentation:

- PC-Kit-Net (Network capable version), PC-Kit-Stick or PC-Kit-USB-Monitoring incl. documentation software
- Disc-type pen recording thermometer with 7-day measuring cycle with 100 recording discs and 5 felt tip pens
- Temperature probe PT 100 or PT 1000, 4 wire sensor, class 1/3 B with measuring flask incorporated