

# Blood Plasma Freezer

## FROSTER-BL-730

According to DIN 58375

- 5 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	700 Litres	
Temperature setting	-32° C	
Voltage	220 – 240 V	
Frequency	50 Hz	
Power draft	730 Watt	
Average consumption	11,4 kWh / 24 h	
Overall dimensions incl. distance from wall and door handle	76,5 x 97,4 x 193-196	(w x d x h in cm)
Interior dimensions	62,5 x 77 x 140	(w x d x h in cm)
Usable dimensions	60,5 x 65 x 127	(w x d x h in cm)
Overall dimensions with door open at 90 °	76,5 x 165,4	(w x d in cm)
Drawer inner dimensions	56,5 x 60,5 x 10	(w x d x h in cm)
Loading capacity per drawer	50 kg	
Weight	199 kg / 234 kg	(net / gross)

**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. 5 drawers made of aluminium on telescopic runners, height adjustable. Stacking height: 23 cm. Capacity per drawer app. 96 plasma cartons (each 19 x 13 x 2,5 cm), each 40 ml size.

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

**Self closing door** with easy opening mechanism, as standard lockable. 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** automatically with temperature and time limit function.

**Melt water evaporation** in heated stainless steel tray below the freezer.

**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. 3m.

#### Equipment at extra charge:

- Castors
- Additional drawers made of aluminium
- Length and cross dividers
- Drawer made of stainless steel instead of aluminium
- Drawer insert/dividers for stainless steel drawer
- Shelf 59,7 x 65 cm with mounting brackets or rails
- Baskets 60 x 65 x 10 cm with rails

- Aluminium tray 60 x 65 x 2,5 cm with rails
- GSM-Module
- Outer housing in stainless steel 4301, longitudinal brushed

#### Appliances for temp. documentation:

- PC-Kit-Net (Network capable version), PC-Kit-Stick or PC-Kit-USB-Monitoring 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
- Temperature probe PT 100 or PT 1000, 4 wire sensor, class 1/3 B with measuring flask incorporated