# Laboratory Freezer FROSTER-720

**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 | 700 Litres |
| Temperature setting | approx. -5° to -30° C |
| Voltage | 220 - 240 V, 50 Hz |
| Power draft | 640 Watt |
| Average consumption | 8,7 kWh/24 h |
| Overall dimensions (incl. door handle) | w x d x h = 77 x 97 x 193-196 cm |
| Interior dimensions | w x d x h = 60 x 78 x 140 cm (Usable depth less 13 cm) |
| Overall dimensions with door open at 90° | w x d = 77 x 165 cm |
| Shelf dimensions | 60 x 65 cm |
| Max. loading capacity per drawer/ shelf | 40 kg |
| Weight | net 165 kg, gross 200 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
- 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

Subject to modification