

## CHEST FREEZER TT //logg

FRYKA chest freezers are the ideal solution for cooling and freezing for all laboratories, research and industry. The compact, space-saving design, including a low-noise cooling unit, means the freezer can be used directly in the laboratory work space. Equipped with a colour touch screen controller the cold box has various options of supervision, failure analysis, temperature logger and remote maintenance.



| Model                         | TT 50-90 //logg | TT 85-90 //logg |
|-------------------------------|-----------------|-----------------|
| Temperature range [min/max]   | -50°C / -10°C   | -85°C / -50°C   |
| Control accuracy              | +/- 1 K         | +/- 1 K         |
| Volume                        | 90 l            | 90 l            |
| Interior [WxDxH]              | 59x43x37 cm     | 59x43x37 cm     |
| External dimensions [WxDxH]   | 76x71x88 cm     | 76x71x88 cm     |
| Weight                        | 92 kg           | 110 kg          |
| Electrical connection         | 230 V / 50 Hz   | 230 V / 50 Hz   |
| Ambient temperature [min/max] | +12°C / +30°C   | +12°C / +30°C   |

### Accessories:

- TT 90-RC stainless steel shelf
  - For storage of 6 standard cryoboxes (135x135x52 mm) per shelf
  - 12 shelves possible per chest
  - Extra gaps for optimum, uniform and rapid cooling of all the refrigerated items
- WiFi-Bridge to integrate the freezer in your wireless network

### Options:

- Four fixed rollers, two with brakes
- Circulation fan inside (not with TT 85-90 //logg)
- Your desired option is not listed? Just ask us!

### Characteristics:

- Colour touch screen controller with representation of the temperature profile and user friendly menu structure
- Integrated data logger readable over USB stick for temperature profile and alarm events
- Battery-supplied alarm more than at least 72h with indication of the max. temperature reached at the interior
- Ethernet interface | in case of an alarm E-Mail will be sent
- Automatic and detailed supervision function of the refrigerating machine with failure analysis
- Remote maintenance with a worldwide access over the Internet
- Detailed user administration to protect the adjusted alarm- and temperature set points
- Registered access control
- Vacuum-Insulation: large interior space with small external dimensions and low power consumption
- Refrigeration unit: low noise, fully hermetically sealed, air-cooled, low maintenance
- All stainless steel casing
- Interior free of fixtures: no ignition sources, makes cleaning easy
- Bushing (diameter 19mm), e.g. for temperature monitoring with external sensors
- Circulating air vent, so suitable for installation directly on walls
- Potential-free contact for connection to an external alarm system
- 100mV/K-output for connection to a temperature recording system
- Lockable lid
- TT 85-90 //logg: two-stage cascade refrigeration system