

MINI FREEZER KBT

FRYKA mini-freezers are the ideal solution when small samples directly cooled in the workplace should be available. With content of 8 and 18 litres they can be used in all scientific and industrial laboratories for cooling and freezing.



Model	KBT 08-51	KBT 08-51 ST100	KBT 18-41 U ST 100
Temperature range [min/max]	-50°C / -30°C	-50°C / -30°C	-40°C / -20°C
Control accuracy	+/- 1 K	+/- 1 K	+/- 1 K
Control	ST71	ST100	ST100
Volume	8 l	8 l	16 l (18 l)
Circulation air fan	-	-	■
Interior BxTxH [cm]	15 x 30 x 20 rounded corners	15 x 30 x 20 rounded corners	30 x 27 (32) x 20 rounded corners reduced by circulation air fan
External dimensions BxTxH [cm]	36 x 49 x 57	36 x 49 x 57	52 x 52 x 58
Weight	36 kg	36 kg	50 kg
Electrical connection	230V / 50Hz	230V / 50Hz	230V / 50Hz
Ambient temperature [min/max]	+12°C / +30°C	+12°C / +30°C	+12°C / +30°C

Characteristics:

- Refrigeration unit: low noise, fully hermetically sealed, air-cooled, low maintenance
- Casing parts made of stainless steel
- Insulated stainless steel hinges and hinged lid with magnetic seal
- Ram protection ring going over and under
- Control ST71:
 - Electronic temperature control with LED display
 - Visual and acoustic alarm signal
- Control ST100:
 - Microprocessor-controlled adjustment using a membrane keyboard
 - Clearly legible LED display
 - Protection against inadvertent activation
 - Maximum reliability thanks to an alarm system that is separate from the mains, with battery capacity for approx. 72 hours
 - Display of the maximum temperature reached in the interior area during the fault
 - Visual and acoustic alarm signal
- Interfaces
 - Potential-free contact with the connection to an external alarm system
 - RS485 interface
 - 100 mV/K output for connecting a temperature recording system