

Mini Freezers KBT

Description

The KBT mini freezers are particularly suitable for freezing and storing materials directly at the workplace. Due to the low-noise refrigeration unit, there is no noise pollution.

The freezers are equipped with a low-noise hermetically sealed, intrinsically safe and air-cooled refrigeration unit. The units are low-maintenance.

Specifications

Control ST71

- Electronic temperature control with LED display
- Visual and acoustic alarm signal

Control ST100

- **Microprocessor control with membrane keypad**
 - Easy to read LED display
 - Protection against unintentional operation
- **Maximum safety due to mains-independent alarm with rechargeable battery for approx. 72 hours**
 - Display of the max. temperature that was reached during the reached in the interior during the malfunction
 - Visual and acoustic alarm signal
- **Interface**
 - Potential-free contact for connection to an external alarm system
 - RS485 interface
 - 100 mV/K output for connection of a temperature recording system

Features

- Refrigeration unit: low-noise, fully hermetic, air-cooled, low-maintenance
- Housing parts made of stainless steel
- Insulated stainless steel lid with hinges and magnetic seal
- Ram protection rings all around top and bottom



Mini Freezer KBT 18-41

Mini Freezer KBT 08-51



Mini Freezer KBT 18-41

Mini Freezers KBT

Technical Data

Model	KBT 08-51	KBT 08-51 ST100	KBT 18-41 U ST100
Figure			
Order No.	104.5052	104.5053	104.5054
Temperature range	-50°C up to -30°C	-50°C up to -30°C	-40°C up to 0°C
Control accuracy	±1 K		
Control	ST71	ST100	ST100
Circulation air fan	—	—	Yes
Capacity	8 litres	8 litres	18 litres
Interior (W x D x H)	150 x 300 x 200 mm rounded corners	150 x 300 x 200 mm rounded corners	300 x 270(320) x 200 mm rounded corners reduced by circulation air fan
Exterior (W x D x H)	360 x 490 x 570 mm	360 x 490 x 570 mm	520 x 520 x 580 mm
Weight	36 kg	36 kg	50 kg
Ambient temperature (min/max)	+10°C up to +32°C		
Electrical connection	230 V / 50 Hz		

TK_002_E_03/2025 Subject to technical changes and errors.