●DEEP FREEZERS

TT and KBT series: Freezers for low temperature tests/storage

The TT freezers and KBT mini freezers with up to 90 litres capacity are small appliances for cooling and freezing. They are used in a variety of applications in the laboratory, in research and in industry. The compact, space-saving design with a quiet, low-noise refrigeration unit makes these freezers particularly suitable for use directly at the workplace.

Features / Equipment: series KBT:

- Cooling unit: low-noise, fully hermetic, air-cooled, low-maintenance
- Housing parts made of stainless steel
- Insulated stainless steel lid with hinges and magnetic seal
- Peripheral impact protection rings at top and bottom
- Controller unit ST71:
  - Electronic temperature control with LED display
  - Visual and acoustic alarm signal
- Controller ST100:
  - Microprocessor-controlled regulation with membrane keypad
  - maximum safety due to mains-independent alarm with rechargeable battery for approx. 72 hours
  - various interfaces

KBT 08-51

Features / Equipment: series TT:

- Optimum use of interior space: use of vacuum insulation panels (VIP) allows a large interior space with compact external dimensions
- Extremely quiet refrigeration unit
- Interior made of high-quality stainless steel
- Cable gland (diameter 19mm)
- Insulating lid with lockable lid lock
- Controller „Standard":
  - Microprocessor-controlled regulation with membrane keypad
  - maximum safety due to mains-independent alarm with rechargeable battery for approx. 72 hours
  - various interfaces
- Controller „//logg":
  - Touchscreen control with colour display and integrated data logger for full traceability
  - maximum safety due to mains-independent alarm with rechargeable battery for approx. 72 hours
  - various interfaces

TT85-90 logg

Options:

- Mobile version for TS series
- Recirculation fan for even temperature distribution throughout the interior

Technical data KBT-series:

	KBT 08-51	KBT 08-51 ST100	KBT 08-41 U ST 100
Performance Data Temperature			
Control	ST71	ST100	ST100
Temperature range [°C]	-30…-50	-30…-50	-20…-40
Control accuracy [± K]	1	1	1
Ambient temperature [° C]	+12…+30	+12…+30	+12…+30
Electrical data			
Rated Voltage [V]	230	230	230
Power frequency (±10%) [Hz]	50	50	50
Outer dimensions			
Width net [mm]	360	360	520
Height net [mm]	570	570	580
Depth net [mm]	490	490	520
Wall clearance back [mm]	100	100	100
Wall clearance sidewise [mm]	160	160	160
Internal Dimensions			
Width [mm]	150	150	300
Height [mm]	200	200	200
Depth [mm]	300	300	270 (320)**)
Interior volume [L]	8	8	16 (18)**)
Net weight of the unit (empty) [kg]	36	36	50

*) corners rounded; **) reduced by circulating air

Tecnical data TT-series:

	TT 50-90	TT 50-90 //logg	TT 85-90	TT 85-90 //logg
Performance Data Temperature				
Temperature range [°C]	-10…-50	-10…-50	-50…-85	-50…-85
Control accuracy [± K]	1	1	1	1
Ambient temperature [° C]	+12…+30	+12…+30	+12…+30	+12…+30
Electrical data				
Rated Voltage [V]	230	230	230	230
Power frequency (±10%) [Hz]	50	50	50	50
Outer dimensions				
Width net [mm]	760	760	760	760
Height net [mm]	880	880	880	880
Depth net [mm]	710	710	710	710
Wall clearance back [mm]	100	100	100	100
Wall clearance sidewise [mm]	160	160	160	160
Internal Dimensions				
Width [mm]	590	590	590	590
Height [mm]	370	370	370	370
Depth [mm]	430	430	430	430
Interior volume [L]	90	90	90	90
Net weight of the unit (empty) [kg]	92	110	92	110