

Upright Freezer TS



The upright freezers TS 50-100 and TS 80-100 are small upright devices for cooling and freezing, unit has to be placed on the floor. It is suitable for usage in laboratories as well as research and industry facilities. It is also for using directly at the workplace especially with its compact and space saving form factor and a quiet, noise-cancelling cooling aggregate.

Technical Data:

	Temperature Range
Type TS 80-100:	-50 to -80 °C
Type TS 50-100:	-10 to -50 °C
Control Precision:	+/- 1 K
Effective Volume:	100 Liters
Chamber (WxDxH):	45 x 45 x 50 cm
Outside Dimensions:	68 x 73 x 116 cm
Material Inside:	Stainless Steel 4301
Material Housing:	Stainless Steel 4016
Weight:	120 kg
Surrounding Temp.:	+12 °C bis +30 °C
Electrical Supply:	230 V / 50 Hz
Max. Current:	5,0 Amp.



Characteristics:

Larger effective space combined with small outside due to the usage of vacuum isolation, improved isolation, lower power consumption / housing completely out of stainless steel / hard-foamed door with double isolation gaskets / chamber inside made of stainless steel without any obstacles so it can be easily cleaned / ventilation grid on left, right and rear side so it can be placed directly to a wall behind / control unit with foil keyboard and integrated, galvanic separated independent alarm (optical and audio signal, display of max. temp. during disruption, accu for approx. 72 hours alarm signal) / remote alarm contact for connection of an external alarm system / 10mV/K output for connection of a temperature recording system / RS 485 interface / lockable door

Accessories:

Stainless steel shelf TS 100-RS

- 9 separate drawers for 9 standard cryo-boxes each 135x135x52 mm
- Multiple cryo-boxes available



Picture of a similar type

Temperature writer TSG 30/100

- Recording range +0 °C to -100 °C
- Recording time 30 days per folded paper
- For connecting to 10mV/K-outputs of FRYKA-products
- Recording on folding paper blocs for easy browsing through the prints when controlling the records
- Separate case with carrying grip
- Power supply 230V / 50 Hz



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