

Underbench Freezer TUS



The underbench freezers TUS 50-100 and TUS 80-100 are small upright devices for cooling and freezing on the top or under the desk. 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 TUS 80-100:	-50 to -80 °C
Type TUS 50-100:	-10 to -50 °C
Control Precision:	+/- 1 K
Effective Volume:	100 Liters
Chamber (WxDxH):	45 x 45 x 50 cm
Outside Dimensions:	93 x 63 x 74,5 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 front, 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 length of 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 TUS 100-RS

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



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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