COOLING FASCINATION

Refrigerators and freezers for professional use

LABO AND CO
INSTRUMENTS SCIENTIFIQUES

TUS underbench freezer

FRYKA freezers have a usable space of 100 litres and can be used for cooling and freezing in industrial and scientific laboratories. The TUS underbench freezer is a small appliance for cooling and freezing for use in all laboratories, research and industry. Particularly due its compact, space-saving design with low-noise cooling unit, the underbench freezer is suitable for use directly under or even on the desk at work.

Model	TUS 50-100	TUS 80-100
Temperature range	**-50°C** to -10°C	**-80°C** to -50°C
Control accuracy	+/- 1 K	
Capacity	100 litres	
Interior (WxDxH)	45 x 45 x 50 cm	
External dimensions (WxDxH)	95 x 73 x 75 cm	
Weight	120 kg	
Ambient temperature	+12°C to +30°C	
Electrical connection	230 V / 50 Hz	

Characteristics:

- Vacuum-Insulation: large interior space with small external dimensions and low power consumption
- All stainless steel casing
- Refrigeration unit: low noise, fully hermetically sealed, air-cooled, low maintenance
- TUS 80-100: two-stage cascade refrigeration system
- Foamed door with double door seal
- Air vents at front and right, making it suitable for installation under tables
- Control unit with keyboard and integrated, galvanically isolated, mains-independent alarm (visual and audible signal, showing the maximum temperature during the disturb, battery lasting around 72 hours)
- Voltage-free alarm contact for connection to an external alarm system
- 100mV/K-output for connection to a temperature recording system
- RS485 interface
- Lockable door
- With inlaid grilles and four shelf rails
- Stackable unit, max. 2 units

Accessories:

- TS 100-RS stainless steel shelf
- Inlaid grilles

Option:

- Four fixed rollers, two with brakes
- Circulation air fan in the interior for better temperature distribution (not with TUS 80-100)
- Bushing 19mm
- Your desired option is not listed? Just ask us!