

# LABORHITS

## Ultra-low Temperature Freezer SUFsg 5001/SUFsg 7001

For Long-term Storage  
of Sensitive Samples

Digital Display

Up to -86 °C



# LABORHITS

## Ultra-low Temperature Freezer SUFsg 5001/SUFsg 7001

### Features

- Climate-neutral refrigerants R-290 and R-170
- Interior, shelves and detachable divided interior door made of stainless steel
- 4 flexibly positionable shelves
- Efficient thermal insulation through vacuum insulation panels
- Heated pressure compensation valve facilitates door opening
- Integrated lock
- Water cooling (depending on variant)

Ultra-low freezers are suitable for the stable long-term storage of sensitive samples. Alarm notifications regarding temperature, door or power malfunctions are shown on the digital display. In case of power failure the electronics are provided by an integrated 12 V battery.

### Specifications

**Temperature range:** -40 ... -86 °C  
**Ambient temperature:** 16 ... 32 °C  
**Setting accuracy:** 0.1 °C  
**Port hole:** 2 x Ø 28 mm, rear  
**Interface:** Ethernet, USB  
**Max. load capacity / shelf:** 50 kg  
**Power supply:** 230 V, 50 Hz

Type	Description	Capacity Litres	Internal dimensions	External dimensions	Weight kg	PK	Cat. No.
			(W x D x H) mm	(W x D x H) mm			
SUFsg 5001	Standard	477	606 x 605 x 1300	921 x 1085 x 1966	247	1	<b>4.679 875</b>
SUFsg 7001	Standard	700	890 x 605 x 1300	1205 x 1085 x 1966	288	1	<b>4.679 877</b>
SUFsg 5001	With water cooling	477	606 x 605 x 1300	921 x 1085 x 1966	247	1	<b>4.679 876</b>
SUFsg 7001	With water cooling	700	890 x 605 x 1300	1205 x 1085 x 1966	288	1	<b>4.679 878</b>

## Racks for SUFsg 5001/SUFsg 7001

Ideal for clear storage of samples. With handle. For boxes with 50 mm height.

Description	Compartments	Material	PK	Cat. No.
Rack	5 x 4	Aluminium	1	<b>4.679 885</b>
Rack	5 x 4	Stainless steel	1	<b>4.679 889</b>
Rack + cryobox	5 x 4	Aluminium	1	<b>4.679 887</b>
Rack + cryobox	5 x 4	Stainless steel	1	<b>4.679 891</b>
Rack + drawers	5 x 4	Stainless steel	1	<b>4.679 893</b>
Rack + cryobox + drawers	5 x 4	Stainless steel	1	<b>4.679 895</b>
Rack	6 x 4	Aluminium	1	<b>4.679 886</b>
Rack	6 x 4	Stainless steel	1	<b>4.679 890</b>
Rack + cryobox	6 x 4	Aluminium	1	<b>4.679 888</b>
Rack + cryobox	6 x 4	Stainless steel	1	<b>4.679 892</b>
Rack + drawers	6 x 4	Stainless steel	1	<b>4.679 894</b>
Rack + cryobox + drawers	6 x 4	Stainless steel	1	<b>4.679 896</b>