

NEW PRODUCT

The perfect solution for reliable sample storage at **ultra-low temperature**

Quality | Design | Innovation



Model	SUFsg 5001 MediLine	SUFsg 7001 MediLine
Total gross/net capacity	491 / 477 litre	728 / 700 litre
Exterior dimensions in mm (w/d/h)	921/1085/1966	1205/1085/1966
Interior dimensions in mm (w/d/h)	606/605/1300	890/605/1300
Temperature range	-40°C to -86°C	-40°C to -86°C
Type of control	electronic digital controller	electronic digital controller
Energy consumption in 365 days	2884 kWh	2957 kWh
Heat output system	air-cooled	air-cooled
Refrigerant	R290 / R170	R290 / R170
Sound power level	47 dB(A)	47 dB(A)
Data logger	integrated, USB interface	integrated, USB interface
Power failure alarm	immediately upon power failure for 72 hrs	immediately upon power failure for 72 hrs
Volt-free alarm contact	yes	yes
Pull-down time +22°C to -80°C	360 min	450 min
Warm-up time -80°C to -60°C / to 0°C	230 min / 2160 min	250 min / 2220 min
Number / max. number of shelves	4 / 13	4 / 13
Shelf loading	50 kg	50 kg
Number of racks per shelf	4 (order separately)	6 (order separately)
Max. no. of cryoboxes, 50mm/75mm	352 / 224 (order separately)	528 / 336 (order separately)
Castors	castors with brake at front, fixed at rear	castors with brake at front, fixed at rear
Lock	yes, fitted	yes, fitted
Gross / net weight	280 / 247 kg	330 / 288 kg



Alarm messages in critical situations

Thanks to a three-stage monitoring system, consisting of integrated alarm messages for temperature, door or mains faults, ensure the very best protection for your sample at all times.



Mechanical key lock

Mechanical key lock protects the stored products from unauthorised access. The door is opened with an ergonomic and unbreakable aluminium lever handle.



Door seal concept

Innovative door seal concept, comprising two separate multi-chamber profiled gaskets, enables fully sealed closure of the door.



Pressure relief valve

With the aid of heated pressure relief valve, the vacuum is quickly equalised and the door can easily be opened again after just a few seconds.

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