

SUFsg 7001

Scientific Ultra-Low-Temperature Freezer
MediLine



Gross/net capacity	728/700 l
Ext. dimensions in mm (w/d/h)	1204/1082/1966
Int. dimensions in mm (w/d/h)	890/605/1300
Energy consumption in 365 days	2957 kWh ¹
Ambient temperature range	+16 °C to +32 °C
Heat output	1224 kJ/h
Heat output system	air cooling
Refrigeration system	2-stage cascade system
Refrigerant	R 290 / R 170
Noise output	47 dB(A) ²
Frequency / voltage	50 Hz / 230 V~
Temperature range	-40 °C to -86 °C
Housing material/colour	steel / white
Door material / colour	steel / white
Liner Material	stainless steel
Type of Control	LED 7-segment display with buttons
Alarm in case of malfunction	visual and audible
Power failure alarm	immediately upon power failure for 72 hrs
volt-free alarm contact	yes
Connectivity type	external data loggers
Connectivity solution	retrofittable
Interface	LAN (Ethernet)
Data logger	integrated, USB interface
Cooling system	static
Pull-down time +22 °C to -80 °C	450 min
Warm-up time -80 °C to -60 °C / to 0 °C	250 min / 2220 min
Number / maximum number of storage shelves	4 / 11
Shelf material	stainless steel
Shelf loading	50 kg
Maximum total load	200 kg
Number of racks per shelf	6
Max. number of cryoboxes, 50 mm / 75 mm	528 / 336
Castors	castors with brake at the front, fixed castors at the rear
Access ports	3 x Ø 28 mm
Type of lock	mechanical
Door hinges	right hand hinged, not reversible
Gross/net weight	361/313 kg
EAN-Nr.	9005382236772

¹ measured at +25° C. ambient temperature and adjusted temperature of -80° C.
² Average sound pressure level at 1 m distance.