



Gross / net capacity	728 / 700 litre
Exterior dimensions in mm (w / d / h)	1204 / 1082 / 1966
Interior dimensions in mm (w / d / h)	890 / 605 / 1300
Energy consumption in 365 days ¹	2957 kWh
Ambient temperature range	+16 °C to +32 °C
Heat output	1224 kJ/h
Heat output system / Refrigeration system	air cooling / 2-stage cascade system
Refrigerant	R 290 / R 170
Sound power level ²	47 dB(A)
Voltage / frequency / Connection rating	230V~ / 50 Hz / 7.0 A
Temperature range	-40 °C to -86 °C
External cabinet finish	steel / white
Door material / colour	steel / white
Internal liner material	stainless steel
Type of control	LED 7-segment display with buttons
Volt-free alarm contact	yes
SmartMonitoring compatible / Connectivity type	yes / external data loggers
Connectivity solution	retrofittable
Interface	LAN (Ethernet)
Data logger	integrated, USB interface
Power failure alarm	immediately upon power failure for 72 hrs
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
Adjustable shelves	3
Shelf material	stainless steel
Usable shelf area in mm (w / d)	860 / 590
Shelf loading / Maximum total load	50 kg / 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 / Door hinges	mechanical / right-hand hinged, not reversible
Gross / net weight	361 / 313 kg
Accessories	
Racks for cryoboxes	see page 36
Cryoboxes, set of 36	7790038
CO ₂ backup system	7790048
Stainless steel storage shelves	7790050
Foamed inner doors	7790127
Cover for mains switch incl. key lock	7790051
4 – 20mA analogue output	7790042
Data logger, ULT	6145367

SUFsg 7001 ver. H72	MediLine
Gross / net capacity	728 / 700 litre
Exterior dimensions in mm (w / d / h)	1204 / 1082 / 1966
Interior dimensions in mm (w / d / h)	890 / 605 / 1300
Energy consumption in 365 days ¹	2957 kWh
Ambient temperature range	+16 °C to +32 °C
Heat output	1224 kJ/h
Heat output system / Refrigeration system	water-cooled / 2-stage cascade system
Refrigerant	R 290 / R 170
Sound power level ²	47 dB(A)
Voltage / frequency / Connection rating	230V~ / 50 Hz / 7.0 A
Temperature range	-40 °C to -86 °C
External cabinet finish	steel / white
Door material / colour	steel / white
Internal liner material	stainless steel
Type of control	LED 7-segment display with buttons
Volt-free alarm contact	yes
SmartMonitoring compatible / Connectivity type	yes / external data loggers
Connectivity solution	retrofittable
Interface	LAN (Ethernet)
Data logger	integrated, USB interface
Power failure alarm	immediately upon power failure for 72 hrs
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
Adjustable shelves	3
Shelf material	stainless steel
Usable shelf area in mm (w / d)	860 / 590
Shelf loading / Maximum total load	50 kg / 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 / Door hinges	mechanical / right-hand hinged, not reversible
Gross / net weight	361 / 313 kg
Accessories	
Racks for cryoboxes	see page 36
Cryoboxes, set of 36	7790038
CO ₂ backup system	7790048
Stainless steel storage shelves	7790050
Foamed inner doors	7790127
Cover for mains switch incl. key lock	7790051
4 – 20mA analogue output	7790042
Data logger, ULT	6145367



SUFsg 5001	MediLine
Gross / net capacity	491 / 477 litre
Exterior dimensions in mm (w / d / h)	920 / 1082 / 1966
Interior dimensions in mm (w / d / h)	606 / 605 / 1300
Energy consumption in 365 days ¹	2884 kWh
Ambient temperature range	+16 °C to +32 °C
Heat output	1188 kJ/h
Heat output system / Refrigeration system	air cooling / 2-stage cascade system
Refrigerant	R 290 / R 170
Sound power level ²	47 dB(A)
Voltage / frequency / Connection rating	230V~ / 50 Hz / 7.0 A
Temperature range	-40 °C to -86 °C
External cabinet finish	steel / white
Door material / colour	steel / white
Internal liner material	stainless steel
Type of control	LED 7-segment display with buttons
Volt-free alarm contact	yes
SmartMonitoring compatible / Connectivity type	yes / external data loggers
Connectivity solution	retrofittable
Interface	LAN (Ethernet)
Data logger	integrated, USB interface
Power failure alarm	immediately upon power failure for 72 hrs
Cooling system	static
Pull-down time +22 °C to -80 °C	360 min
Warm-up time -80 °C to -60 °C / to 0 °C	230 min / 2160 min
Number / maximum number of storage shelves	4 / 11
Adjustable shelves	3
Shelf material	stainless steel
Usable shelf area in mm (w / d)	580 / 590
Shelf loading / Maximum total load	50 kg / 200 kg
Number of racks per shelf	4
Max. number of cryoboxes, 50 mm / 75 mm	352 / 224
Castors	castors with brake at the front, fixed castors at the rear
Access ports	3 x Ø 28 mm
Type of lock / Door hinges	mechanical / right-hand hinged, not reversible
Gross / net weight	308 / 254 kg
Accessories	
Racks for cryoboxes	see page 36
Cryoboxes, set of 36	7790038
CO ₂ backup system	7790048
Stainless steel storage shelves	7790049
Foamed inner doors	7790070
Cover for mains switch incl. key lock	7790051
4 – 20mA analogue output	7790042
Data logger, ULT	6145367

SUFsg 5001 ver. H72	MediLine
Gross / net capacity	491 / 477 litre
Exterior dimensions in mm (w / d / h)	920 / 1082 / 1966
Interior dimensions in mm (w / d / h)	606 / 605 / 1300
Energy consumption in 365 days ¹	2884 kWh
Ambient temperature range	+16 °C to +32 °C
Heat output	1188 kJ/h
Heat output system / Refrigeration system	water-cooled / 2-stage cascade system
Refrigerant	R 290 / R 170
Sound power level ²	47 dB(A)
Voltage / frequency / Connection rating	230V~ / 50 Hz / 7.0 A
Temperature range	-40 °C to -86 °C
External cabinet finish	steel / white
Door material / colour	steel / white
Internal liner material	stainless steel
Type of control	LED 7-segment display with buttons
Volt-free alarm contact	yes
SmartMonitoring compatible / Connectivity type	yes / external data loggers
Connectivity solution	retrofittable
Interface	LAN (Ethernet)
Data logger	integrated, USB interface
Power failure alarm	immediately upon power failure for 72 hrs
Cooling system	static
Pull-down time +22 °C to -80 °C	360 min
Warm-up time -80 °C to -60 °C / to 0 °C	230 min / 2160 min
Number / maximum number of storage shelves	4 / 11
Adjustable shelves	3
Shelf material	stainless steel
Usable shelf area in mm (w / d)	580 / 590
Shelf loading / Maximum total load	50 kg / 200 kg
Number of racks per shelf	4
Max. number of cryoboxes, 50 mm / 75 mm	352 / 224
Castors	castors with brake at the front, fixed castors at the rear
Access ports	3 x Ø 28 mm
Type of lock / Door hinges	mechanical / right-hand hinged, not reversible
Gross / net weight	308 / 254 kg
Accessories	
Racks for cryoboxes	see page 36
Cryoboxes, set of 36	7790038
CO ₂ backup system	7790048
Stainless steel storage shelves	7790049
Foamed inner doors	7790070
Cover for mains switch incl. key lock	7790051
4 – 20mA analogue output	7790042
Data logger, ULT	6145367



SUFsg 3501	MediLine
Gross / net capacity	402 / 382 litre
Exterior dimensions in mm (w / d / h)	797 / 1082 / 1966
Interior dimensions in mm (w / d / h)	466 / 605 / 1300
Energy consumption in 365 days ¹	2738 kWh
Ambient temperature range	+16 °C to +32 °C
Heat output	1116 kJ/h
Heat output system / Refrigeration system	air cooling / 2-stage cascade system
Refrigerant	R 290 / R 170
Sound power level ²	47 dB(A)
Voltage / frequency / Connection rating	230V~ / 50 Hz / 7.0 A
Temperature range	-40 °C to -86 °C
External cabinet finish	steel / white
Door material / colour	steel / white
Internal liner material	stainless steel
Type of control	LED 7-segment display with buttons
Volt-free alarm contact	yes
SmartMonitoring compatible / Connectivity type	yes / external data loggers
Connectivity solution	retrofittable
Interface	LAN (Ethernet)
Data logger	integrated, USB interface
Power failure alarm	immediately upon power failure for 72 hrs
Cooling system	static
Pull-down time +22 °C to -80 °C	180 min
Warm-up time -80 °C to -60 °C / to 0 °C	170 min / 1300 min
Number / maximum number of storage shelves	4 / 11
Adjustable shelves	3
Shelf material	stainless steel
Usable shelf area in mm (w / d)	460 / 590
Shelf loading / Maximum total load	50 kg / 200 kg
Number of racks per shelf	3
Max. number of cryoboxes, 50 mm / 75 mm	264 / 168
Castors	castors with brake at the front, fixed castors at the rear
Access ports	3 x Ø 28 mm
Type of lock / Door hinges	mechanical / right-hand hinged, not reversible
Gross / net weight	260 / 226 kg
Accessories	
Racks for cryoboxes	see page 36
Cryoboxes, set of 36	7790038
CO ₂ backup system	7790048
Stainless steel storage shelves	7790657
Foamed inner doors	7790656
Cover for mains switch incl. key lock	7790051
4 – 20mA analogue output	7790042
Data logger, ULT	6145367