

Laboratory refrigerators and freezers with spark-free interior



New

SRTfg 1501

Performance

Gross / net capacity	134 / 98 litre
Exterior dimensions in mm (w / d / h)	597 / 605 / 819
Interior dimensions in mm (w / d / h)	450 / 440 / 620
Energy consumption in 365 days ¹	156 kWh
Ambient temperature range	+10°C to +35°C
Heat output	198 kJ/h
Refrigerant	R 600a
Sound power level	47 dB(A)
Voltage / frequency	220 – 240V~ / 50 Hz
Connection rating / Rated consumption watts	2.0 A / 100 W
Cooling system / Defrost	forced-air / automatic
Temperature range	+3°C to +16°C
Gradient ² / max. fluctuation ³	4.9°C / 4.4°C
External cabinet finish	steel / white
Door material / colour	steel / white
Internal liner material	commercial grade moulded polystyrene
Type of control	monochrome display, touch buttons
Power failure alarm	upon mains power return
Fault: warning signal	visual and audible
Volt-free alarm contact	yes
SmartMonitoring compatible	yes
Connectivity type	SmartModule
Connectivity solution	retrofittable
Interface	WiFi/LAN (optional)
Adjustable shelves	3
Shelf material	glass
Usable shelf area in mm (w / d)	450 / 421
Shelf loading / Maximum total load	40 kg / 160 kg
Drawers	
Handle	antimicrobial handle with opening mechanism
Access ports	1 x Ø 12 mm
ATEX conformity	yes
Type of lock / Door hinges	mechanical / right, reversible on site
Gross / net weight	40 / 37 kg

Accessories	
Worktop, white	9876118
Short drawer / Long drawer	
Glass shelf	9295392
Castors / Adjustable legs	9904819 / 9906105
Additional lock barrels (up to 5)	on request
Stacking kit, white	9876098
Side-by-Side set in white	9031901
SmartModule	6145269



New

SFTfg 1501

Performance

Gross / net capacity	101 / 73 litre
Exterior dimensions in mm (w / d / h)	597 / 605 / 819
Interior dimensions in mm (w / d / h)	380 / 410 / 610
Energy consumption in 365 days ¹	180 kWh
Ambient temperature range	+10°C to +35°C
Heat output	294 kJ/h
Refrigerant	R 600a
Sound power level	40 dB(A)
Voltage / frequency	220 – 240V~ / 50 Hz
Connection rating / Rated consumption watts	2.0 A / 110 W
Cooling system / Defrost	static / manual
Temperature range	-9°C to -30°C
Gradient ² / max. fluctuation ³	7.4°C / 3.3°C
External cabinet finish	steel / white
Door material / colour	steel / white
Internal liner material	commercial grade moulded polystyrene
Type of control	monochrome display, touch buttons
Power failure alarm	upon mains power return
Fault: warning signal	visual and audible
Volt-free alarm contact	yes
SmartMonitoring compatible	yes
Connectivity type	SmartModule
Connectivity solution	retrofittable
Interface	WiFi/LAN (optional)
Adjustable shelves	
Shelf material	glass
Usable shelf area in mm (w / d)	380 / 347
Shelf loading / Maximum total load	40 kg / 120 kg
Drawers	
Handle	antimicrobial handle with opening mechanism
Access ports	1 x Ø 10 mm
ATEX conformity	yes
Type of lock / Door hinges	mechanical / right, reversible on site
Gross / net weight	38 / 35 kg

Accessories	
Worktop, white	9876118
Short drawer / Long drawer	9876296 / 9876279
Glass shelf	
Castors / Adjustable legs	9904819 / 9906105
Additional lock barrels (up to 5)	on request
Stacking kit, white	9876098
Side-by-Side set in white	9031901
SmartModule	6145269



New

SFTfg 1501 ver. 740

Performance

Gross / net capacity	101 / 71 litre
Exterior dimensions in mm (w / d / h)	597 / 605 / 819
Interior dimensions in mm (w / d / h)	380 / 410 / 610
Energy consumption in 365 days ¹	180 kWh
Ambient temperature range	+10°C to +35°C
Heat output	294 kJ/h
Refrigerant	R 600a
Sound power level	40 dB(A)
Voltage / frequency	220 – 240V~ / 50 Hz
Connection rating / Rated consumption watts	2.0 A / 110 W
Cooling system / Defrost	static / manual
Temperature range	-9°C to -30°C
Gradient ² / max. fluctuation ³	7.4°C / 3.3°C
External cabinet finish	steel / white
Door material / colour	steel / white
Internal liner material	commercial grade moulded polystyrene
Type of control	monochrome display, touch buttons
Power failure alarm	upon mains power return
Fault: warning signal	visual and audible
Volt-free alarm contact	yes
SmartMonitoring compatible	yes
Connectivity type	SmartModule
Connectivity solution	retrofittable
Interface	WiFi/LAN (optional)
Adjustable shelves	
Shelf material	glass
Usable shelf area in mm (w / d)	380 / 347
Shelf loading / Maximum total load	40 kg / 120 kg
Drawers	3
Handle	antimicrobial handle with opening mechanism
Access ports	1 x Ø 10 mm
ATEX conformity	yes
Type of lock / Door hinges	mechanical / right, reversible on site
Gross / net weight	40 / 35 kg

Accessories	
Worktop, white	9876118
Short drawer / Long drawer	
Glass shelf	
Castors / Adjustable legs	9904819 / 9906105
Additional lock barrels (up to 5)	on request
Stacking kit, white	9876098
Side-by-Side set in white	9031901
SmartModule	6145269

Laboratory fridge-freezer combinations with spark-free interior



SCFfg 4002

Performance

Gross / net capacity	fridge compartment
Gross / net capacity	freezer compartment
Exterior dimensions in mm (w / d / h)	
Interior dimensions in mm (w / d / h)	fridge compartment
Interior dimensions in mm (w / d / h)	freezer compartment
Energy consumption in 365 days ¹	
Ambient temperature range	
Heat output	
Refrigerant	
Sound power level	
Voltage / frequency	
Connection rating / Rated consumption watts	
Cooling system	fridge / freezer comp.
Defrost	fridge / freezer comp.
Temperature range	fridge / freezer comp.
Gradient ²	fridge / freezer comp.
Max. fluctuation ³	fridge / freezer comp.
External cabinet finish	
Door material / colour	
Internal liner material	
Type of control	
Power failure alarm	
Fault: warning signal / Volt-free alarm contact	
SmartMonitoring compatible	
Connectivity type / Connectivity solution	
Interface	

Adjustable shelves	fridge compartment
Shelf material	fridge / freezer comp.
Usable shelf area in mm (w / d)	fridge compartment
Shelf loading	fridge / freezer comp.
Maximum total load	
Drawers	freezer compartment
Handle	
Access ports	
ATEX conformity	
Type of lock	
Door hinges	
Gross / net weight	

Accessories	
Glass shelf	
Additional lock barrels	
Side-by-Side set in white	
SmartModule	

Gross / net capacity	267 / 199 litre
Gross / net capacity	110 / 62 litre
Exterior dimensions in mm (w / d / h)	597 / 654 / 2044
Interior dimensions in mm (w / d / h)	460 / 422 / 1037
Interior dimensions in mm (w / d / h)	406 / 292 / 614
Energy consumption in 365 days ¹	390 kWh
Ambient temperature range	+10°C to +35°C
Heat output	350 kJ/h
Refrigerant	R 600a
Sound power level	48 dB(A)
Voltage / frequency	220 – 240V~ / 50/60 Hz
Connection rating / Rated consumption watts	2.0 A / 170 W
Cooling system	forced-air / static
Defrost	automatic / manual
Temperature range	+3°C to +16°C / -9°C to -30°C
Gradient ²	4.6°C / 5.6°C
Max. fluctuation ³	3.6°C / 3.2°C
External cabinet finish	steel / white
Door material / colour	steel / white
Internal liner material	commercial grade moulded polystyrene
Type of control	monochrome display, touch buttons
Power failure alarm	upon mains power return
Fault: warning signal / Volt-free alarm contact	visual and audible / yes
SmartMonitoring compatible	yes
Connectivity type / Connectivity solution	SmartModule / retrofittable
Interface	WiFi/LAN (optional)

Adjustable shelves	4
Shelf material	glass / glass
Usable shelf area in mm (w / d)	460 / 422
Shelf loading	40 kg / 40 kg
Maximum total load	345 kg
Drawers	3
Handle	antimicrobial handle with opening mechanism
Access ports	2 x Ø 10 mm
ATEX conformity	yes
Type of lock	mechanical
Door hinges	right, reversible on site
Gross / net weight	89 / 83 kg

Accessories	
Glass shelf	9293493
Additional lock barrels	on request
Side-by-Side set in white	9027388
SmartModule	6145269

1 Measured at +25°C ambient temperature and +5°C set temperature for fridges and -20°C for freezers.
2 Gradient as defined in EN 60068-3: the difference between the warmest and coldest average measurements, increased by their expanded uncertainty, throughout the duration.
3 Max. fluctuation as per EN 60068-3: greatest fluctuation value determined throughout the duration of measurements.