

# SFTfg 1501

Laboratory freezer with ignition-free interior  
**Performance**



Gross / Net capacity	101/73 l
External dimensions in mm (W/D/H)	597/605/819
Internal dimensions in mm (W/D/H)	380/410/610
Energy consumption in 365 days	180 kWh <sup>1</sup>
Ambient temperature	+10 °C to +35 °C
Heat emission	215 kJ/h
Refrigerant	R 600a
Frequency / Voltage	50 Hz / 220-240 V~
Cooling system	static
Defrosting method	manual
Temperature range	-9 °C to -30 °C
Gradient / max. fluctuation	7,4 °C <sup>2</sup> / 3,3 °C <sup>3</sup>
Housing material/color	Steel/white
Door material/color	Steel/white
Interior container material	White plastic
Type of control	Monochrom-Display, Touch-Buttons
Alarm in case of malfunction	visual and acoustic
Power failure alarm	upon power return
Potential-free contact	Yes
Type of connectivity	SmartModule
Interface	WLAN/LAN (optional)
Adjustable shelves	3
Shelf material	Glass
Usable W/D of shelves in mm	380 / 347
Shelf load capacity	40 kg
Maximum total load	160 kg
Handle	Antimicrobial handle with opening mechanism
Sensor opening	1 x Ø 10 mm
Type of lock	mechanical
Door hinge	right, reversible
Gross / Net weight	38/36 kg
EAN number	9005382268452
Cleanroom class according to ISO EN 14664-1	ISO Class 7
GMP cleanroom class	GMP Class B

<sup>1</sup> Measured at +25 °C ambient temperature and set temperature of +5 °C for cooling and -20 °C for freezing devices.

<sup>2</sup> Gradient according to EN60068-3: spatial temperature distribution in the interior between the warmest and coldest measuring points, including measurement uncertainty.

<sup>3</sup> Max. fluctuation according to EN 60068-3: temporal temperature variation at the measuring point with the greatest difference during the measurement period.