

SCFfg 4002

Laboratory Refrigerator-Freezer Combination with SmartFrost Performance



Gross / Net Volume

Refrigerator section 267/199 l

Freezer section 110/62 l

External dimensions in mm (W/D/H) 597/654/2044

Internal dimensions in mm (W/D/H)

Refrigerator section 460/422/1037

Freezer section 406/292/614

Energy consumption in 365 days 390 kWh¹

Ambient temperature +10 °C to +35 °C

Heat output 350 kJ/h

Refrigerant R 600a

Frequency / Voltage 50/60 Hz / 220-240 V~

Cooling system dynamic

Defrosting method automatic

Temperature range

Refrigerator section +3 °C to +16 °C

Freezer section +9 °C to -30 °C

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 4

Usable W / D of shelves in mm 460 / 422

Shelf load capacity 40 kg

Maximum total load 345 kg

Drawers 3

Handle antimicrobial handle with opening mechanism

Sensor feed through 2 x Ø 10 mm

Type of lock mechanical

Door hinge right, reversible

Gross / Net weight 89/83 kg

EAN number 9005382247655

Cleanroom class according to ISO EN 14664-1 ISO class 5

GMP cleanroom class GMP class B

¹ Measured at +25 °C ambient temperature and set temperature of +5 °C for refrigerator and -20 °C for freezer.

² Gradient according to EN60068-3: spatial temperature distribution in the interior from the warmest to the coldest measuring point including measurement uncertainty.

³ Max. fluctuation according to EN 60068-3: temporal temperature variation of the measuring point with the greatest difference during the measurement period.