SAUTER **JIT 100**

Infrared thermometer for industry, environmental engineering and maintenance work



Date of creation: 24.10.2026

Category	
Brand	Sauter
Product category	Environment/ Occupational safety
Product group	Infrared thermometer
Product family	JIT

Measuring System	
Temperature repeatability - measuring range 2	+/- 0,7 °C
Temperature accuracy - measuring range 2	+/- 1,5 °C
Temperature accuracy - measuring range 1	+/- 1,5 °C+0,1 °C/ °C
Temperature - measuring range 3 [Min]	100 °C
Temperature - measuring range 2 [Min]	0 °C
Temperature - measuring range 1 [Min]	-32 °C
Temperature - measuring range 1 [Max]	0 °C
Temperature - measuring range 3 [Max]	420 °C
Temperature - measuring range 2 [Max]	100 °C
D:S Optic	12:1
Response time	250 ms
Temperature accuracy - measuring range 3	+/- 1,5%
Level of emission [Min]	0,1
Level of emission [Max]	1
Units	°C °F
Temperature [Min] (°C)	-32 °C
Temperature [Max] (°C)	420 °C
Temperature coefficient - measuring range 1	+/- 0,1 °C/ °C
Temperature coefficient - measuring range 2	+/- 0,1 °C/ °C
Temperature coefficient - measuring range 3	+/- 0,1%/ °C
Temperature repeatability - measuring range 1	+/- 0,7 °C
Temperature repeatability - measuring range 3	+/- 0,7%

Construction	
Dimension (W×D×H)	162×90×48 mm
Material	plastic
Material housing	plastic
Laser power	0,001 W
Laser class	2
Column mount possible	✓

Functions	
Statistic function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	15 sec
Function for averaging	✓
Limit-setting function	✓

Power Supply	
Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	9 V block
Battery connection	9V Bloc
Battery operating time	9 h
Battery capacity	560 mAh
Battery voltage	9 V
Battery – Number of cells	1
Battery – Individual weight	47 g
Battery – Total weight	47 g
Battery capacity (Wh)	5,04 Wh
Battery – Tests passed UN 38.3	✓
Battery/Accu connected	not connected, enclosed

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Services (optional)	
Article number for DAkkS calibration	963-295
Article number for factory calibration	961-295

Packing & Shipping	
Delivery time	1 d
Dimensions packaging (W×D×H)	225×110×65 mm
Shipping method	Parcel service
Net weight approx.	0,25 kg
Gross weight approx.	0,35 kg
Shipping weight	0,34 kg
Shipping volume weight	0,3 kg

Product information	
GTIN/EAN number	4045761367746
Trade number	90251900
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD

