

Product Datasheet - Technical Specifications



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Infrared Thermometer with laser pointer

Specifications

SEFRAM 9819	
Temperature range	-32°C to 420°C
Resolution	0,2°C
Accuracy	± 1% or ± 1°C from 0°C to 420°C ± (1°C + 0,07°C/°C) from -32°C to 0°C
Repeatability	± 0,5% or ± 0,7°C from 0°C to 420°C ± (0,7°C + 0,05°C/°C) from -32°C to 0°C
Optical resolution (D:S)	20:1
Response time (95%)	300ms
Spectral range	8-14µm
Emissivity	0,95 (fixed)
Functions	Min / Max / Scan / Hold
Units	°C / °F
Laser	< 1mW, class IIa laser beam with 9mm offset

General specifications

Display type	LCD, with backlight
Display	3 lines
Measurement rate	2 meas./s
Operating temperature	0°C to 50°C
Storage temperature	-20°C to 60°C (without battery)
Humidity	10% to 95% (non condensing)
Supply	9V alkaline battery
Autonomy	40h (without backlight), 20h (with 50% backlight)
Dimensions	190 x 38 x 45mm
Weight	150g

Supplied with : battery, user's manual.

Capabilities

- Temperature range -32°C to +420°C
- Laser pointer
- LCD display with backlight
- Optical resolution (D:S): 20:1
- Professional coated lens
- Very fast response time
- Min/Max/Scan/Hold



SEFRAM 9819



Specifications subject to change without notice- FT 9819 A 00