

Infrared thermometer

TEMP-CHECK-PRO (Series TEMP-CHECK-PRO)

infrared thermometer for determining surface temperature
with surface pick-up type K

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue selection system (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

-32 .. +760 °C	Measurement range
40:1	Optical resolution
0,1 °C	Resolution (display)
300 ms	Adjustment time (95%)
0,100 .. 1,100	Degree of emission (adjustable)
	Accuracy:
	+/- 1°C (0 .. 760°C)
	+/- 1°C +/- 0,07°C/°C (0 .. -32°C)
	Reproducibility:
	+/- 0,75°C (0 .. 760°C)
	+/- 0,75°C +/- 0,075°C/°C (0 .. -32°C)
0 .. +50 °C	Operating temperature
-20 .. 60 °C	Permissible storage and transport temperature (without battery)
8 .. 14 ?m	Spectrum range
	Laser:
	< 1mW Laser Class IIa
	Laser beam with 9mm offset
USB	PC interface
	Software: Report Software
	Memory:
	for 20 measurement records
	Input:
	for thermocouple type K
190X38X45 mm	Dimensions of device (W x H x D)

m

180 g Mass

Power supply: 9 V battery

Battery life:

20h (laser and display lighting 50% on)

40h (laser and display lighting off)

Relative humidity:

10-95% RH,

no condensation,

at ambient temperature < 30°C

