



VOLTCRAFT®

VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

“For more than 35 years, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft’s success.”

IR 800-20C **IR THERMOMETER**

N° 2399953



CE

VERSION 09/21

The infrared thermometer allows contactless measurement of surface temperatures. It measures the temperature by means of the infrared energy emitted by each object. It is ideal for dangerous objects, objects that are difficult to access, moving objects or objects supplied with electrical voltage. A circular laser targeting device facilitates specification of the measurement range. In addition, contact measurement with a K-type thermocouple sensor is possible. The emission level can be adjusted to the surface properties of the measured object at hand. The bar graph display provides a graphic display of the current measured value in relation to the MIN/MAX values.

HIGHLIGHTS

IR measurement range -40 to +800 °C //

20:1 optics //

Circular target laser //

Min/Max/Ø and difference display //

Contact measurement via K-type sensor //

Hi/Lo alarm //

Adjustable emission level //

Bar graph display //

Tripod thread //

Illuminated display //



TECHNICAL DATA

Power supply	9 V block battery
IR temperature range	-40 to +800 °C
Resolution	0.1 °C
IR optics	20:1
Emission level	0.1 – 1.00 (adjustable)
Response time	150 ms
Laser	Power: < 1 mW / Class: 2 / Wave length: 630 – 670 nm
Operating conditions	0 to +50 °C, 10 – 90 % RH
Storage conditions	-10 to +60 °C, <80 % RH
Weight	186 g
Dimensions	198 x 112 x 55 mm

IR measurement range	Accuracy	Reproducibility
<0 °C	+/- (2 °C + 0.2 °C per degree)	+/-0.8 % or +/-1 °C (whichever is greater)
>0 °C	+/-1.5 °C or +/-1.5 % (whichever is greater)	

Contact measurement range	Accuracy
-50 to 0 °C	+/-2 °C
0 to +1370 °C	+/-0.5 % +/-1.5 °C

PACKAGE CONTENT

Infrared thermometer // 9 V monobloc battery // Type-K temperature sensor (measurement range -20 to +250 °C) // Storage pouch // Operating instructions