

FEATURES

- Single Type K bead thermocouple supplied
- K or J-Type - thermocouple input
- Real-time stamp
- Data logging up to 16000 records
- °C, °F or °K display - so you switch between Celsius, Fahrenheit and Kelvin
- Auto Power Off with selectable time setting

RS PRO Digital Thermometer- RS53-II Data Acquisition Digital Thermometer

RS Stock No.: 123-3217



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

RS PRO Digital Thermometer - RS53II Series

The digital hand held thermometer is suitable for environmental test and measurement. These digital thermometers have an easy to read LCD display and optional measurement preference. The choice of data loggers can be based on many factors. The 53 hand held model, offer extra features such as the auto power off function and selectable time setting. They also benefit from having a real-time stamp feature for minimum, maximum and average measurements. A digital thermometer can measure temperature to a decimal point rather than a whole number meaning its results are more accurate. Our unique range of hand held thermometers offer you the choice of calibration types and temperature measuring preference to suit your needs at affordable prices.

General Specifications

Model Number	RS53-II
Thermometer Type	Handheld
Probe Type	J, K
Number of Temperature Inputs	1
Absolute Maximum Temperature Measurement	+1372 °C, +2501 °F
Temperature Scale	Centigrade, Fahrenheit
Display type	LCD
Resolution	0.1 K, 0.1 °C, 0.2 °F
Best Accuracy	±0.1 %
Temperature Coefficient	0.1 x (Specified accuracy) / °C , < 18°C or > 28°C
Data Storage Memory	Yes
Minimum/Maximum Recordings	Yes
Calibrated	Yes
Operating Temperature	0°C to 50°C, 0 to 75%RH
Storage Temperature	-20°C to 60°C, 0 to 80% R.H. with battery removed.
Operating Humidity	0% to 90%/ 0°C to 35°C
Applications	Food Industry / HVAC / Industrial /Medical

Electrical Specifications

Battery Type	9V Alkaline
Battery Life	Alkaline 90 hours approximately

Mechanical Specifications

Dimensions	160mm x 64mm x 26mm without holster. 170mm x 74mm x 39mm with holster.
Length	74mm
Width	39mm
Height	170mm
Weight	430g

Approvals

Compliance/Certifications	CE
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Similar Products

Stock No.	Brand	Product Name	Thermometer Type	Absolute Maximum Temperature Measurement	Probe Type
123-3215	RS PRO	RS51 Data Acquisition Digital Thermometer	Handheld	+1300 °C, +1999 °F	K
123-3217	RS PRO	RS53-II Data Acquisition Digital Thermometer	Handheld	+1372 °C, +2501 °F	J, K