

## FEATURES

- Backlit display
- Selectable temperature scales
- Max hold / Data Hold
- Electronic Offset function

## RS PRO RS42 K Input Handheld Digital Thermometer

RS Stock No.: 123-1937



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

Using an external K-type thermocouple bead probe as a temperature sensor, this compact sized digital thermometer offers fast response and laboratory accuracy. The RS42 fully portable, offers accurate temperature indication, following National Bureau of Standards and IEC584 temperature/voltage tables for K-type thermocouples.

## General Specifications

<b>Model Number</b>	RS42
<b>Thermometer Type</b>	Handheld
<b>Probe Type</b>	Type K Thermocouples with Mini- connector (flat type)
<b>Number of Temperature Inputs</b>	2
<b>Absolute Maximum Temperature Measurement</b>	+1300°C, +2000°F
<b>Temperature Scale</b>	Centigrade/Fahrenheit
<b>Display type</b>	LCD
<b>Resolution</b>	0.1°C / 0.1°F
<b>Best Accuracy</b>	±0.5% + 1°C / ±0.5% + 2°F
<b>Temperature Coefficient</b>	0.1×(spec. Acc'y)/°C <18°C, >28°C
<b>Operating Temperature</b>	0°C to 50°C
<b>Storage Temperature</b>	-20°C to 60°C
<b>Operating Humidity</b>	0% to 80%
<b>Applications</b>	Food Industry / HVAC / Industrial / Medical

## Electrical Specifications

<b>Battery Type</b>	9V
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## Mechanical Specifications

<b>Dimensions</b>	162mm x 76mm x 38.5mm
<b>Length</b>	76mm
<b>Width</b>	38.5mm
<b>Height</b>	162mm
<b>Weight</b>	210g

## Approvals

<b>Compliance/Certifications</b>	IEC584, RoHS Certificate of Compliance
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