

## FEATURES

- Real-time stamp
- Auto Power Off
- K or J-Type - thermocouple input
- Single Type K bead thermocouple

## RS PRO 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

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

|   |   |
|---|---|
| <b>Series</b>                                   | RS Pro 53                                   |
| <b>Model Number</b>                             | RS53-II                                     |
| <b>Thermometer Type</b>                         | Handheld                                    |
| <b>Probe Type</b>                               | J / K                                       |
| <b>Number of Temperature Inputs</b>             | 1   |
| <b>Absolute Maximum Temperature Measurement</b> | +1372°C, +2501°F                            |
| <b>Temperature Scale</b>                        | Centigrade / Fahrenheit                     |
| <b>Display type</b>                             | LCD   |
| <b>Resolution</b>                               | 0.1K, 0.1°C, 0.2°F                          |
| <b>Best Accuracy</b>                            | ±0.1%                                       |
| <b>Temperature Coefficient</b>                  | 0.1×(spec. Acc'y)/°C <18°C, >28°C           |
| <b>Data Storage Memory</b>                      | Yes   |
| <b>Minimum/Maximum Recordings</b>               | Yes   |
| <b>Automatic Shut-Off</b>                       | Yes   |
| <b>Calibrated Certificate</b>                   | Yes   |
| <b>Operating Temperature</b>                    | 0°C to 50°C                                 |
| <b>Storage Temperature</b>                      | -20°C to 60°C                               |
| <b>Operating Humidity</b>                       | 0% to 75%                                   |
| <b>Applications</b>                             | Food Industry / HVAC / Industrial / Medical |

## Electrical Specifications

|                     |             |
|---------------------|-------------|
| <b>Battery Type</b> | 9V Alkaline |
| <b>Battery Life</b> | 90 hours    |

## Mechanical Specifications

|                   |                     |
|-------------------|---------------------|
| <b>Dimensions</b> | 74mm x 39mm x 170mm |
| <b>Length</b>     | 74mm                |
| <b>Width</b>      | 39mm                |
| <b>Height</b>     | 170mm               |
| <b>Weight</b>     | 430g                |

## Classification

|                       |  |
|-----------------------|--|
| <b>eCl@ss Version</b> |  |
| <b>UNSPSC Version</b> |  |

## Approvals

|                                  |                              |
|----------------------------------|------------------------------|
| <b>Compliance/Certifications</b> | CE / EN61000                 |
| <b>Declarations</b>              | CE Declaration of Conformity |

## Similar Products

| Stock No. | Brand | Product Name | Thermometer Type | Absolute Maximum Temperature Measurement | Probe Type |
|-----------|-------|--------------|------------------|--|------------|
| XXX-XXXX  |       |              |                  |  |            |
| XXX-XXXX  |       |              |                  |  |            |



