

FEATURES

- Modern and functional housing
- Outstanding price/performance ratio
- 3-line display / overhead display at the push of a button
- Backlighting
- Waterproof (IP67)
- Durable, long battery life
- Rapid measurement detection

RS PRO Digital Thermometer

RS Stock No.: 205-0960



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.

Digital Thermometer

Product Description

The primary focus in the development of the new RS 1720 was place on the essential functions of the measurement technology. Pure measurement with a focus on precision, speed and reliability packaged in a compact housing distinguish an impressive price/performance ratio.

The new handheld measuring devices also impress with their ergonomic design, dust and water-protected design in accordance with IP 65/67 and the illuminated display. The device redefines our entry-level measurement class - calibration log included.

Application:

The highest-precision measurements in liquids and in air, for measurement of core temperatures, laboratories, quality assurance, service, food, etc.

General Specifications

| | |
|-------------------------------------------------|---------------------------------------------------------------------------------------|
| Model Name | RS 1720 |
| Thermometer Type | Handheld |
| Probe Type | High precision Pt1000 |
| Number of Temperature Inputs | 1 |
| Absolute Maximum Temperature Measurement | 250.0 °C |
| Temperature Scale | Centigrade/Fahrenheit |
| Display type | LCD/ Backlit |
| Display size | 3 Lines / 30 mm (1.18in) x 34 mm (1.34in) |
| Resolution | 0.1 °C |
| Best Accuracy | -20 ... +100 °C: ±0.1 K ±1 digit -70 ... +250 °C: ±0.2 % of m. v. ±2 digit |
| Temperature Scale | ITS-90 |
| Data Storage Memory | N/A |
| Minimum/Maximum Recordings | Yes, with "Hold" function |
| Automatic Shut-Off | 15 minutes, 30, 60, 120, or 240 minutes, or can be disabled |
| Intrinsically Safe | No |
| Calibrated Certificate | Factory calibration protocol |
| Operating Temperature | -20 ... +50 °C |
| Storage Temperature | -20 to + 70°C |
| Operating Humidity | 95 % RH (non-condensing) |
| Applications | Food Industry / HVAC / Industrial |

Electrical Specifications

| | |
|--------------|-----------------------|
| Battery Type | 2 x 1.5V AA Alkaline |
| Battery Life | 5000 h operating time |
| Plug Type | N/A |

Mechanical Specifications

| | |
|------------------|-------------------------|
| Housing Material | Break-proof ABS housing |
| Dimensions | |
| Length | 54 mm |
| Width | 28 mm |
| Height | 108 mm (without sensor) |
| Weight | 150 g |

Protection Category

| | |
|---------------|---------------|
| IP Protection | IP 65 / IP 67 |
|---------------|---------------|

Additional Information

| | |
|----------------------|---------------|
| EAN | 4058175682855 |
| Custom Tariff Number | 90251900 |

Approvals

| | |
|---------------------------|----|
| Compliance/Certifications | CE |
|---------------------------|----|

Similar Products

| Parameters | 205-0959 |
|------------------------------------------|---------------------------------------------------------------------------------------------------|
| Model Number | RS 1710 |
| Thermometer Type | Handheld |
| Probe Type | High precision Pt1000 |
| Number of Temperature Inputs | 1 |
| Absolute Maximum Temperature Measurement | 250.0 °C |
| Temperature Scale | Centigrade/Fahrenheit |
| Display type | LCD/ Backlit |
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| Calibrated Certificate | Factory calibration protocol |
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