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.: 205-0959

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 primary focus in the development of the new RS 1710 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, laboratories, quality assurance, service, food, etc.

General Specifications

Model Name	**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**
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	4058175682848
Custom Tariff Number	90251900

Approvals

Compliance/Certifications	CE

Similar Products

Parameters	205-0960
Model Number	**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)**
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