

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
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Additional Information

EAN	4058175682848
Custom Tariff Number	90251900

Approvals

Compliance/Certifications	CE
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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
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