

FEATURES

- Min/Max and Data Hold
- Memory function
- Automatic calculation of differential Temperature (IR - DP)
- Built-in Humidity /Temperature probe
- Designed with patented IR design

RS PRO DT-229/239 Moisture Meter, Maximum Measurement 200 (IR Temperature) °C, 99.9 (Humidity) %, 99.9 (Moisture) %

RS Stock No.: 179-9510



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

Introducing the RS PRO multifunctional Moisture Meter, the highly reliable measuring device for quickly and effectively taking moisture content readings in a wide range of materials like wood, concrete and plaster. The RS PRO moisture meter features pinless technology, allowing accurate moisture readings at different penetration levels, as well as offering the ability to simultaneously measure and display air temperature, IR temperature or humidity, making it a highly versatile piece of testing equipment. Additionally, the unit offers a large digital LCD display with a useful backlight, meaning it can be used in low light conditions or applications with little to no visibility. This RS PRO moisture meter is a high quality, non-invasive tool, ideal for professional use across a wide range of applications.

General Specifications

Model Number	RS-239
Scale Type	Building Materials / Wood
Display Type	Digital
Resolution	0.1°C/ 0.1°F
Measuring Rate	less than 500 ms
Readability	±5%
Auto Power OFF	Yes
Hold Function	Yes
Applications	Property and construction / Flooring Contractors / Furniture makers and woodworking

Electrical Specifications

Power Source	Battery
Battery Included	Yes

Mechanical Specifications

Dimensions	70mm x 38mm x 170mm
Width	70mm
Length	38mm
Height	170mm
Weight	280g

Operation Environment Specifications

Humidity	99.9%
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Approvals

Compliance/Certifications	EN61340
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Environmental Measurement

Parameter	Range	Basic Accuracy
Relative Humidity	0% to 99.9%	± 2%RH
Air Temperature	-4°F to 158°F (-20°C to 70°C)	±0.5°C /0.9°F

IR Temperature Specifications

IR TEMP. Range	-20 to 200 C (-4 to 392 F)	
Response time	less than 500 ms	
Emissivity	fixed for 0.95	
Optical Resolution	D/S = 8:1 (D= distance, S= spot)	
Accuracy (of reading)	-20 to -1 °C (-4 to -31 °F)	± 5 °C (9 °F)
	0 °C (32 °F)	± 1 °C (1.8°F)
	1 to 200 °C (33 to 392 °F)	± 2% ± 2°C (3.6°F)
Over range Indication	LCD will show "----"	
Resolution	0.1°C/ 0.1°F	
Laser power	Output < 1 mw	

Moisture Meter Specifications

Function	Range	Repeatability
Pinless Moisture	0-99.9%	± 5%
Ext.Pin Moisture	0-99.9%	± 5%

