

Resistance Thermometer



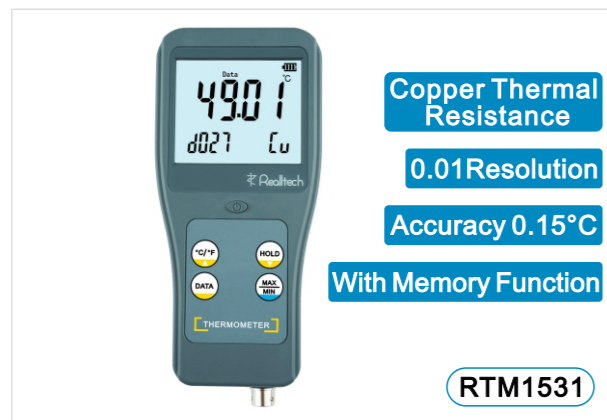
Model RTM1511 (PT1000)
RTM1521 (PT100)
RTM1531 (Cu50)

Introduction

It is a high-precision RTD thermometer that uses thermal resistance as a sensor to measure temperature signals. Widely used in industrial production, research and development experiments, quality control, refrigerated storage, automobile manufacturing and other occasions.

Features

- Large LCD with display.
- High-precision thermal resistance is used for temperature measurement.
- Temperature unit (°C/°F).
- 0.01 resolution, refresh once per second.
- Accuracy up to ±0.1°C.
- With data memory and view functions (99 Groups).
- With the displayed values hold function.
- Maximum and minimum values display.
- Battery indication function.
- Automatically power off function.
- RTM1511 uses the PT1000 sensor.
- RTM1521 uses the PT100 sensor.
- RTM1531 uses the Cu50 sensor.



Product Specifications

Model	RTM1511	RTM1521	RTM1531
Display	LCD		
Type	PT1000	PT100	Cu50
Range	-200~500°C (-328~932°F)	-200~850°C (-328~1562°F)	-50~150°C (-58~302°F)
Accuracy	±0.1°C	±(0.1°C+0.1%Num)	±(0.15°C+0.1%Num)
Resolution	0.01 (-100~+100) 0.1 (Other)		
Sampling Channel	1 Channel		
Unit	°C/°F		
Data Memorized Mode	Manual Mode, Data can be Viewed		
Data Memorized	99 Groups (Can be Customized up to 999 Groups)		
Operating Conditions	Temperature: 0~50°C; Humidity: 0~80%RH (No Condensation)		
Storage Conditions	Temperature: -10~60°C; Humidity: 0~90%RH (No Condensation)		
Power Supply	4×1.5V AAA(UM-4) Battery		
Size	170×80×31mm		
Weight	176g (Not Including Batteries)		
Standard Accessories	Main Unit		
	PT-01A Probe	PT-01B Probe	PT-01C Probe
	Manual		
	Carrying Case		

Probe Specifications

Probe Measurement Range Specifications (It is determined by the sensor selected)					
Model	Type	Name	Range	Diagram	Size (φ×L)
PT-01A	PT1000	Platinum Thermal Resistance	-50~200°C (-58~392°F)		φ4×30mm
PT-01B	PT100	Platinum Thermal Resistance	-50~200°C (-58~392°F)		φ4×30mm
PT-01C	Cu50	Copper Thermal Resistance	-50~150°C (-58~302°F)		φ4×30mm

Note: If other type of probe is needed, please specifying when placing order.