



ENGLISH

Datasheet
Stock No. 123-3215
RS PRO RS51 Thermometer



Feature:

- K-type Thermocouple
- Large LCD display (18.5mm)
- 1°C or 0.1°C (1°F or 0.1°F) resolution
- 0.3% + 1°C basic accuracy
- °C or °F display
- Maximum Record
- Reading hold function
- Standard 9V battery
- Protective holster with tilt stand
- Bead probe included

Specifications:(All at 23°C±5°C, ≤80% R.H.)


Accuracy is ± (% reading + number of digits) at

23°C ± 5°C less than 75% R.H.

The above specifications do not include thermocouple error.

Range	Resolution	Accuracy	Input Protection
-50°C ~ 199.9°C	0.1°C	± (0.2% reading + 1°C)	60V dc or 24 Vrms
-58°F ~ 199.9°F	0.1°F	± (0.2% reading + 2°F)	
-50°C ~ 200°C	1°C	± (0.3% reading + 2°C)	
-58°F ~ 392°F	1°F	± (0.3% reading + 4°F)	
200°C ~ 1000°C	1°C	± (0.4% reading + 2°C)	
392°F ~ 1832°F	1°F	± (0.4% reading + 4°F)	
1000°C ~ 1300°C	1°C	± (0.6% reading + 2°C)	
1832°F ~ 1999°F	1°F	± (0.6% reading + 4°F)	

General

Display	1999 count
Sampling Rate:	2.5 times/sec
Overrange Indication:	"OL" or "-OL" is displayed
Low Battery Indication:	
Operating Temperature:	0°C~50°C (≤75% R.H.)
Storage Temperature:	-20°C~60°C (≤80% R.H.)
Temperature Coefficient:	0.1x(spec. Acc'y)/°C <18°C, >28°C
Power Requirement:	Single 9V battery
Battery Life:	250 hours(Alkaline)
Size:	64mm(W)×160mm(L)×26mm(H), without holster
	74mm(W)×170mm(L)×39mm(H), with holster
Weight:	430g with holster
Accessories:	Type 50BK bead thermocouple, ZnC battery, Protective holster, belt clip and Manual