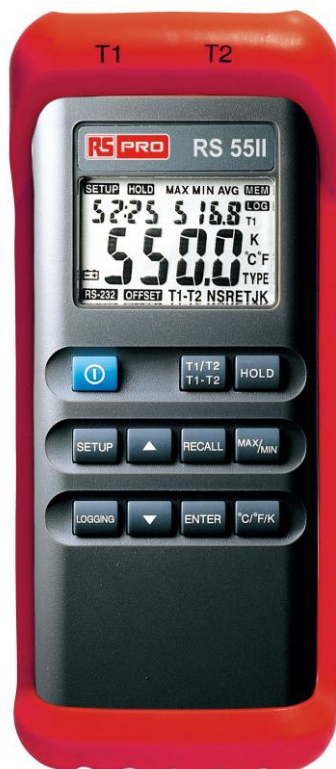




ENGLISH

Datasheet
Stock No. 123-3218
RS PRO RS55II Thermometer



Feature:

- Triple 4 digit large LCD display shows any combination of T1, T2, T1-T2 plus MIN, MAX and AVG
- MIN, MAX, and AVG display with Real Time Stamp
- Auto calibration with excellent accuracy
- Measure K, J-Types of thermocouples
- Selectable °C, F, or K reading
- Easy to use panel design
- Data logging up to 16,000 records
- Optical RS-232 interface
- Auto Power Off with selectable time setting
- Protective Holster with tilt stand
- Two bead probes included
- Optional optical RS-232 cable and Win DTM50 software

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.

Type	Range	Accuracy
K	-200.0°C ~ -100°C	± (0.3% reading + 1.0°C)
	-328.0°F ~ -148.0°F	± (0.3% reading + 2.0°F)
	-99.9°C ~ 999.9°C	± (0.1% reading + 0.7°C)
	-147.8°F ~ 999.9°F	± (0.1% reading + 1.4°F)
	1000°C ~ 1372°C	± (0.3% reading + 1°C)
J	1000°F ~ 2501°F	± (0.3% reading + 2°F)
	-210.0°C ~ -100.0°C	± (0.3% reading + 1.1°C)
	-346.0°F ~ -148.0°F	± (0.3% reading + 2.2°F)
	-99.9°C ~ 999.9°C	± (0.1% reading + 0.8°C)
	-147.8°F ~ 999.9°F	± (0.1% reading + 1.6°F)
	1000°C ~ 1200°C	± (0.3% reading + 1°C)
	1000°F ~ 2192°F	± (0.3% reading + 2°F)

T1 - T2 (K-, J-type)

± (0.3% of T1-T2 reading + 2.0°C)


± (0.3% of T1-T2 reading + 4.0°F)

Input Protection: 60V d.c. or 24V r.m.s.

Resolution: 0.1°C / 0.1°K / 0.2°F ≤1000°

1°C / 1K / 2°F ≥1000°

General

Display	9999 count
Sampling Rate:	1 time/sec
Overrange Indication:	"----" is displayed
Low Battery Indication:	
Auto Power Off:	Selectable(10,20,30,40,50,60 minutes or OFF)
Operating Temperature:	0°C~50°C ($\leq 75\%$ R.H.)
Storage Temperature:	-20°C~60°C ($\leq 80\%$ R.H.)
Temperature Coefficient:	0.1×(spec. Acc'y)/°C <18°C, >28°C
Power Requirement:	Single 9V battery
Battery Life:	90 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 x 2pics, ZnC battery, Protective holster, belt clip and Manual