



# Dual Input Type K/J Thermometer

# SPR-142



### 1. General Specifications

SPARTNA SPR - 142 Dual Input Type K/J Thermometer is a microprocessor - based digital thermometer designed to use external type K/J thermocouples as temperature sensors. These thermometers work with type K / J thermocouples and offer 0.1°C / 0.1°F resolution over the entire measurement range.

### 2. Features

1. Type K/Type J input dual.
2. User selectable °C, °F or K.
3. 0.1 °C/0.1 °F/0.1K resolution.
4. Max/Min/Avg and data hold.
5. Display T1, T2, and T1-T2.
6. LCD display with backlight.
7. Wide variety of interchangeable thermocouple probes.
8. Auto power off.
9. Low battery indication.
10. High/Low alarms (audio and visual).
11. Adjustable sampling rate.
12. User calibration-offset adjustment ( $\pm 5^{\circ}\text{C}$ ).
13. 16,000 memory reading.
14. USB interface with software.
15. Accessories: 9 V battery, 2 x Type - K Temperature probe (SPR-TP02), CD software, USB cable and carrying case.

### 4. Ordering Information

- SPR-142: Dual Input Type K/J Thermometer.
- SPR-TP02: Temperature probe J-type Protection Tube material 304 Stainless Steel: 0 to 400 °C, Length: 1000 mm, Wire material: Fiberglass, Insert length: 10.5mm, Accuracy: $\pm 2.5^{\circ}\text{C}$ .
- SPR-TP03: Wire Type K Temperature Probe -40°C to 125°C (-40°F to 257°F).

### 3. Technical Specifications

|                            |   |
|----------------------------|---|
| Type K/J Temperature Range | -200~1372°C (-328~2501°F)   |
| Accuracy                   | Above -148°F (-100°C)<br>$\pm(0.15\% + 1.8^{\circ}\text{F}/1^{\circ}\text{C})$<br>below -148°F (-100°C)<br>$\pm(0.5\% + 3.6^{\circ}\text{F}/2^{\circ}\text{C})$ |
| Resolution                 | 0.1°F/°C  |
| Sampling Rate              | one time per one second   |
| Auto Power off             | 15 minutes after last operation   |
| Power Source               | 9v battery  |
| Dimensions                 | 185mm x 65mm x 45mm   |
| Weight                     | 248g  |



**SPR-TP02**  
Optional Accessories

