

# SPECIFICATIONS

## RTD PROBES

**Impedance:** 100 ohm @ 0°C (32°F)

**Sensitivity (alpha):** 0.003850 or 0.003916 ohm/  
ohm/°C selectable

**Accuracy:** ±0.06°F; ±0.03°C at 0.01° resolution  
±0.1° at 0.1° resolution  
±1° at 1° resolution

## LOGGER

**Linearization:** Conforms to DIN IEC 751, revised  
to ITS-90

**Input Protection:** 10V rms

**Display Update:** 0.6 seconds per update

**Connector:** 3-pin circular connector input (mate  
to Switchcraft TA3F plug)

## Battery

**Size:** Two AA, 1.5V alkaline ANSI-L40,  
IEC-LR6

**Life:** >300 hours continuous, typical

**Display:** LCD with 0.4 in high characters main  
readout and 0.2 in high characters secondary  
displays, 4 digits each display plus various  
annunciators.

## Temperature/Humidity Range

### Operating:

**Stated Accuracy:** 10°C to 40°C  
(50°F to 104°F)

**Useful Range:** 0°C to 40°C  
(32°F to 104°F)

**Storage:** -10°C to 60°C  
(-14°F to 140°F)

**Humidity:** 10% to 90%  
(non-condensing)

**Dimensions**

3 cm D x 8.4 cm W x 15.8 cm H  
(1.2 in x 3.3 in x 6.2 in)

**Weight with batteries:** 227 grams (8 ounces)

**Ingress protection:** Meets IEC-529 IP-54 for dust and water resistant enclosures.

**Compliance:** For CE Mark:  
EN61326-1/A1: 1998  
(EU EMC Directive)