

## TEMPERATURE THERMOMETERS AND TRANSMITTERS

### WATERPROOF THERMOMETER

The **Waterproof Thermometer** has membrane switches, ABS body, and stainless steel probe, good for use in labs, plants, wash-down areas, and the field. Unit eliminates the dangers inherent in breakable glass and toxic mercury thermometers. It displays minimum and maximum readings over any period. Unique holder allows probe to be positioned at any height while attached to beakers, stainless cylinders, or vats. Probe guard snaps to handle to extend overall length to 10.75". Readings are updated every second. Supplied with probe holder, key chain, and lanyard. Operates continuously for 1.5 years on supplied replaceable silver-oxide battery.

#### DPT-168-NIST

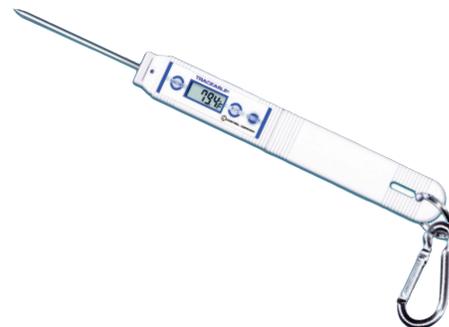
##### Specifications:

**Range:** -58 to 572°F and -50 to 300°C.

**Resolution:** is 0.1° from -20 to 200° (1° otherwise).

**Accuracy:** ±0.4°C or ±1.5°C.

**Dimensions:** stem length, 3.25" inches; stem diameter is 0.14"; overall length is 7.25". Weight is 1 oz.



### MODEL VA710 (V & A INSTRUMENTS) THERMOCOUPLE SIMULATOR

The **VA710 Thermocouple Calibrator** is a precision source and measurement tool for calibrating thermocouple instruments. The calibrator measures through a thermocouple jack. Measuring units are °C, °F or MV. The V&A Instrument Model VA710 Thermocouple Simulator simulates a dedicated standard thermocouple curve over the entire industrial temperature range.

#### M5C-VA710



### WORKHORSE THERMOMETER

**Type-K Workhorse™ Thermometer** provides a sharp readout in dim and very bright light, long battery life (150 to 200 continuous hours), high accuracy, wide temperature range, and a new chip design for an ultra low Price. Recessed front panel adjustable offset allows user to adjust thermometer exactly to a specific temperature, in-house calibration, or a particular sensor for increased accuracy. HOLD button freezes display to capture current reading. Supplied with bench stand. It is compatible with all Type-K probes. Supplied with fast response Type-K probe, bench stand, 9-volt battery, and carrying case. Cable length of 40 inches.

#### TC-4425

##### Specifications:

**Range:** -58.0 to 2372°F and -50.0 to 1300°C.

**Accuracy:** ±(1°C + .75%) between 0 to 500°C; ±(1°C + 1%) 500 to 750°C; ±(1°C + 2%) 750 to 1000°C; ±(3°C + 4%) 1000 to 1200°C; ±2°C at -20; ±3°C at -40; and ±4°C at -50).

**Resolution:** 0.1° between -50.0 to 200.0 and 1° elsewhere

**Probe dimensions:** length is 5" and .175" diameter .

**Thermometer Dimensions:** 2.75" x 5.5" x 1.25" ( cm x cm x cm); 6 oz ( kg).



### THERMOCOUPLE

Type K Stainless Steel Probe- Triple Purpose (liquid, air/gas, semi-solids)  
Temperature Range -45° to 230°C, Probe Length is 5 inches with 30 inch cable

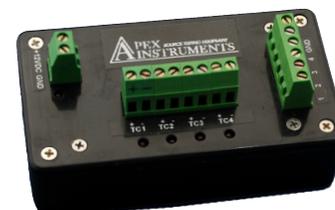
#### TPK-8595



### M-TC4C FOUR CHANNEL THERMOCOUPLE

##### Features:

- TVS Diodes on TC Input for ESD and Transient Suppression
- DC-DC Converter on 12V Power input Providing 1000V Power Surge Isolation
- Designed using Analog Devices AD595CQ TC Amplifier with Cold Junction Compensation, Low Input Impedance and +/- 1°C Accuracy
- Low Power Consumption (less than 40ma for all 4 channels)
- Type K Thermocouple Range Capable



### THERMOCOUPLE TRANSMITTER

4-Channel Thermocouple Transmitter. 4.4 x 2.4 x 1.1 ABS plastic enclosure with terminal blocks. Designed using Analog Devices AD595CQ TC amplifier with cold junction compensation. Low input impedance and +/- 1 degree C accuracy.

#### M-TC4C

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