

True RMS Digital Multimeters

TX3 * TX1 (with Optional WSTRM PC Interface Package)

This product is discontinued.
View [alternative products](#).

Check [product support](#) status.

Characteristics

Display

Counts - 50,000 and 5000 (selectable).

Digits - 4-4/5 and 3-4/5 (selectable).

Update Rate - 4/s (5000 count mode), 1/s (50,000 count mode).

20 Segment Analog Bar Graph

Update Rate - 20/s.

Nonvolatile Memory

Locations - 30 (TX3); 10 (TX1).

Peak Hold

1 ms.

DC/AC Voltage

Ranges*1 - 500.0 mV, 5.000 V, 50.00 V, 500.0 V, 1000 V CAT III.

DC Accuracy*1 - $\pm(0.05\% + 1 \text{ ct.})$ (TX3), $\pm(0.07\% + 1 \text{ ct.})$ (TX1).

AC Accuracy*1 - $\pm(0.4\% + 2 \text{ ct.})$ (TX3), $\pm(0.6\% + 2 \text{ ct.})$ (TX1).

Best Resolution - 10 μV (50,000 ct. mode).

DC/AC Current

Ranges*1 - 500.0 μA , 5.000 mA, 50.00 mA, 500.0 mA, 5.000 A, 10.00 A (continuous), 15 A (30 seconds).



[Features](#)

[> Specs](#)

DC Accuracy*1 - $\pm(0.2\% + 2 \text{ ct.})$.

AC Accuracy*1 - $\pm(0.6\% + 2 \text{ ct.})$.

Best Resolution - 10 nA (50,000 ct. mode).

Resistance

Ranges*1 - 50.00 Ohm, 500.0 Ohm, 5.000 kilohm, 50.00 kilohm, 500.0 kilohm, 5.000 megaohm, 50.00 megaohm.

Accuracy*1 - $\pm(0.1\% + 2 \text{ ct.})$.

Best Resolution - 0.01 Ohm (in 50 Ohm range w/automatic lead calibration).

Capacitance

Ranges - 5.000 nF, 50.00 nF, 500.0 nF, 5.000 μF , 50.00 μF , 500.0 μF , 5.000 mF, 50.00 mF.

Best Accuracy*1 - $\pm(1.0\% + 3 \text{ ct.})$.

Best Resolution - 1 pF.

Frequency

Range - 0.5 Hz to 1 MHz.

Accuracy*1 - $\pm(0.002\% + 1 \text{ ct.})$.

Best Resolution - 0.001 Hz.

Counter - 5-digit; 100,000 count.

Temperature (TX3 Only)

Built-in Digital Thermometer - K-type Thermocouple.

Range - -50°C to $+980^{\circ}\text{C}$ (not including thermocouple range).

Accuracy*1 - $\pm 3^{\circ}\text{C}$ typical, $\pm 1^{\circ}\text{C}$ with quick ice bath calibration.

Safety - UL3111-1, CSA1010.1, EN61010-1.

Warranty

Three years.

*1 Best accuracy stated. Ranges and accuracies are in 5000 ct. mode. Best resolution can be achieved by changing the default resolution to 50,000 ct. mode in the Setup menu.

