

B3230 Dual Input AC Millivolt Meter

- Two independent channels with independent meters
- 10Hz to 1MHz bandwidth
- 12 measurement ranges
- Measures AC volts, dBV and dBm
- Three Color-coded scales
- 10 MΩ input impedance

**B3230****TM1300K 4-1/2 Digit Dual Input Thermometer**

- Measures temperature differences
- F° or C° is selectable
- Data Hold
- Analog millivolt output
- Thermocouple probes included

**TM1300K**

SPECIFICATIONS ■

[B3230]

Voltage Ranges: 300mV, 1mV, 3mV, 10mV, 30mV, 100mV, 300mV, 1V, 3V, 10V, 30V, 100V

Decibel Ranges: From -70dB to +48dB in (12) 10dB ranges (0dBV = 1V; 0 dBm = 1mW into 600Ω)

Accuracy:

±3% of full scale from 20Hz to 200kHz

±5% of full scale from 10Hz to 500kHz

±10% of full scale from 10Hz to 1000kHz

Input Impedance: 1MΩ

Input Capacitance: < 45pF: 300μV to 1V < 25pF: 3V to 100V

Noise: < 2% with the input shorted

Maximum Input Volts: 600V DC or AC peak

Amplifier

Output Volts: 0.1V RMS full scale into a 600Ω load for each range

Bandwidth (-3dB): 10Hz to 200kHz (1kHz reference Frequency)

Output Impedance: 600Ω

Distortion: < 1% at 1kHz

General Specifications

Operating Temperature: 0 to 40°C with a relative humidity of 85%

AC Line Voltage: 115V/230V

AC Line Frequency: 50/60Hz

Power Consumption: Approx. 5VA

Size: 6.0" H x 8.5" W x 8.0" D

Weight: 4.4 lbs.

Supplied Accessories: Manual, Line cord [**TM1300K**]

Temperature Measurement

Range: -30 to 1370°C; -30 to 2000°F

Resolution: 0.1° F or C

Accuracy °C*:

-30 to 350° C: ± (2°C + 2% + 2D)

350 to 1050°C: ± (3°C + 2.5% + 3D)

1050 to 1370°C: ± (4°C + 2.5% + 4D)

Accuracy °F*:

-20 to 662° F: ± (4°F + 2.5% + 3D)

663 to 1999°F ± (7°F + 2.5% + 4D)

*Note: Accuracies to 1.5% may be attained for reading above 350°C or 600°F by using the temperature correction charts located in the operator manual.

T1-T2 accuracy is equal to the sum of T1 + T2 accuracy

mV Output: 1mV/°C (F°)

Accuracy: ±1% Rdg + 3D

Sensor: Type K Thermocouples

General Specifications

Power: 9V battery

Size: 5.5" H x 3.0" W x 1.1" D

Weight: 8 oz.

Supplied Accessories: Manual, (2) Type K thermocouples, Test leads with Alligator clips, 9V Battery