

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

SL100 Sound Level Meter

- ANSI & IEC 651 Type 2 standards
- 3-1/2 digit LCD display
- A&C frequency weighting
- 0.1dB resolution
- Maximum hold function
- Internal calibration check
- Fast and slow response
- Analog output jack



SL100

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: 115/230V
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, 9V Battery, (2) Type K thermocouples, Test leads with Alligator clips

[SL100]

Measurement Ranges
Frequency: 31.5Hz to 8KHz
Decibel:
 A Lo: Weighting: 35 to 100dB
 A Hi: Weighting: 65 to 130dB
 C Lo: Weighting: 35 to 100dB
 C Hi: Weighting: 65 to 130dB
Best Resolution: 0.1dB
Accuracy: ±2dB
Dynamic Range: 65dB
Input: Condenser Microphone
Time Weighting: Slow or Fast
Maximum Hold Decay: < 1dB/3min
Analog Output:
 AC Conditioned: 0.7V RMS, corresponding to each range step
 Output Impedance: 600Ω
 DC Conditioned: 10mV/dB
 Output Impedance: 100Ω
General Specifications
Operating Temperature: 0 to 50°C at relative humidity of less than 80%
Power: 9V battery for 100 hours life with alkaline battery
Size: 9.5" H x 2.7" W x 1.0" D
Weight: 7.6 oz
Supplied Accessories: Manual, battery, Adjustment screwdriver, Carrying case