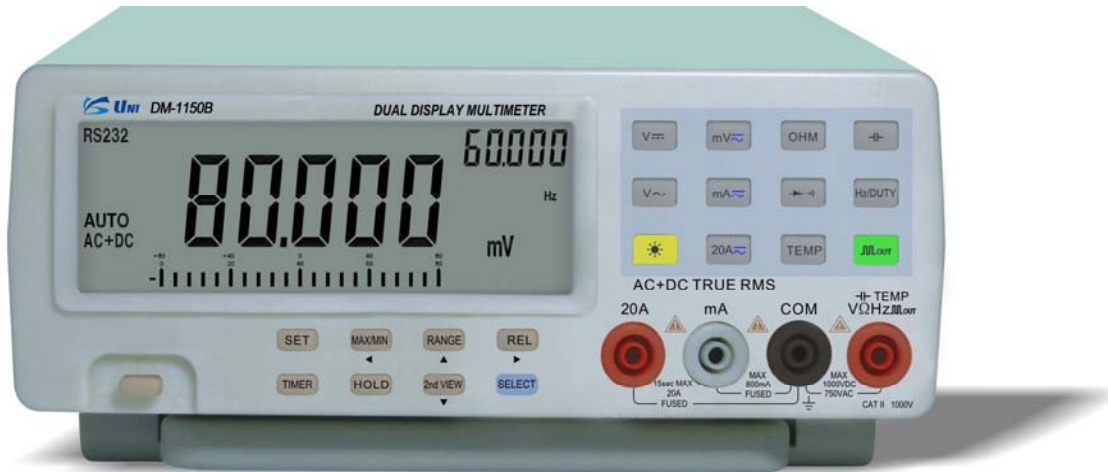


80000 Count Bench Digital Multimeter

DM-1150B



■ FEATURE

- ◆ Large LCD, 80000 count Dual-display, Analog bar 21 sets.
- ◆ 50 measuring functions, with basic DCV, ACV, DCA, ACA, , CAP, Hz, TEMP, diode and Continuity measuring function, etc.
- ◆ 18 types of frequency, frequency up to 80MHz, 1800 waveform outputs, 0.1%~99% duty cycle.
- ◆ Simultaneous measure (AC+DC), (AC+Hz), (DC+dBm), (dBm+Hz), (Hz+Duty), (+).
- ◆ Auto data update and refresh, auto data hold, auto peak hold.
- ◆ 36-hour dynamic record: MAG, MIN, AVG, MAX-MIN (REL Δ), (REL%), setting upper & lower limit, timing measurement
- ◆ AC measuring adopts highly accurate true RMS measurement, with testing frequency bandwidth and AC+DC measuring, capable of accurate true RMS measuring of any waveforms in AC range
- ◆ RS-232 interface

| Spec. | Range | Resolution | Accuracy | | | Remarks |
|--------------------|--|------------|--|----------------------------|---------------------------|--|
| DCV | 80mV | 1μV | ±(3% rdg+10) | | | Input impedance: 80mV~800mV: >1000MΩ; 8V~1000V: 10MΩ. |
| | 800mV | 10μV | ±(0.05% rdg+5) | | | |
| | 8V | 0.1mV | | | | |
| | 80V | 1mV | | | | |
| | 800V | 10mV | ±(0.08% rdg+10) | | | |
| | 1000V | 0.1V | | | | |
| ACV(T-RMS) | 80mV | 1μV | <75% Range: 50Hz~20kHz | <75% Range: 20kHz~50kHz | >75% Range: 50Hz~20kHz | Input impedance: 80mV~800mV: >1000MΩ; 8V~1000V: 10MΩ. Parallel capacitance: <100pF |
| | 800mV | 10μV | ±(0.8% rdg+50) | ±(6.0% rdg+50) | ±(8.0% rdg+50) | |
| | 8V | 0.1mV | | | | |
| | 80V | 1mV | | | | |
| | 750V | 10mV | ± (0.8% rdg+50) (at <90% Range), 50Hz~1kHz ± (5.0% rdg+50) (at >90% Range), 50Hz~1kHz | | | |
| DCA | 80mA | 1μA | ±(0.2% rdg+10) | | | Fuse: F750Ma/250v F13A/250V |
| | 800mA | 10μA | | | | Voltage drop: Ć800mV |
| | 8A | 0.1mA | ±(0.5% rdg+10) | | | Max.input current: 20A (up to15 seconds) |
| | 20A | 1mA | | | | |
| ACA(T-RMS) | 80mA | 1μA | ±(0.2% rdg+10) / 50Hz~5kHz | | | Fuse: F750Ma/250v F13A/250V |
| | 800mA | 10μA | | | | Voltage drop: Ć800mV |
| | 8A | 0.1mA | ±(0.5% rdg+10) / 50Hz~500Hz | | | Max.input current: 20A (up to15 seconds) |
| | 20A | 1mA | | | | |
| Resistance | 800Ω | 0.01Ω | ±(0.3% rdg+10) | | | Overload protection: 250V RMS |
| | 8kΩ | 0.1Ω | | | | |
| | 80kΩ | 1Ω | ±(0.3% rdg+5) | | | |
| | 800kΩ | 10Ω | | | | |
| | 8MΩ | 100Ω | | | | |
| | 80MΩ | 1kΩ | | | | |
| Frequency | 999.99Hz | 0.01Hz | ±(0.5% rdg+5) | | | Overload protection: 250V RMS Sensitivity: 0.7V RMS |
| | 9.9999kHz | 0.1Hz | | | | |
| | 99.999kHz | 1Hz | | | | |
| | 999.99kHz | 10Hz | | | | |
| | 8.0000MHz | 100Hz | ±(0.1% rdg+5) | | | Plus adapter(Optional) |
| | 10.0MHz | 1kHz | | | | |
| | 100.0MHz | 10kHz | | | | |
| | 1000.0MHz | 100kHz | | | | |
| Capacitance | 1nF | 1pF | ±(5.0% rdg+50) | | | Overload protection: 250V RMS |
| | 10nF | 10pF | | | | |
| | 100nF | 100pF | ±(2.5% rdg+50) | | | |
| | 1μF | 1nF | | | | |
| | 10μF | 10nF | | | | |
| | 100μF | 100nF | | | | |
| Diode | 3.0000V | 0.0001V | ±(3.0% rdg+5) | | | Diode positive voltage drop Overload protection: 250V RMS |
| Temp. | 50°C~1300°C | 0.0°C | ±(1.5% rdg+10) | | | K type thermocouple Overload protection: 250V RMS |
| | 58°F~2372°F | 0.1°F | | | | |
| dBm | -80.00dBm~ +80.00dBm | 0.01dBm | ±1.0% rdg | | | |
| Square Wave Output | Voltage amplitude : Approx.3V / Frequency : 0.5Hz~5000Hz / Duty cycle : 1%~99% | | | | | |