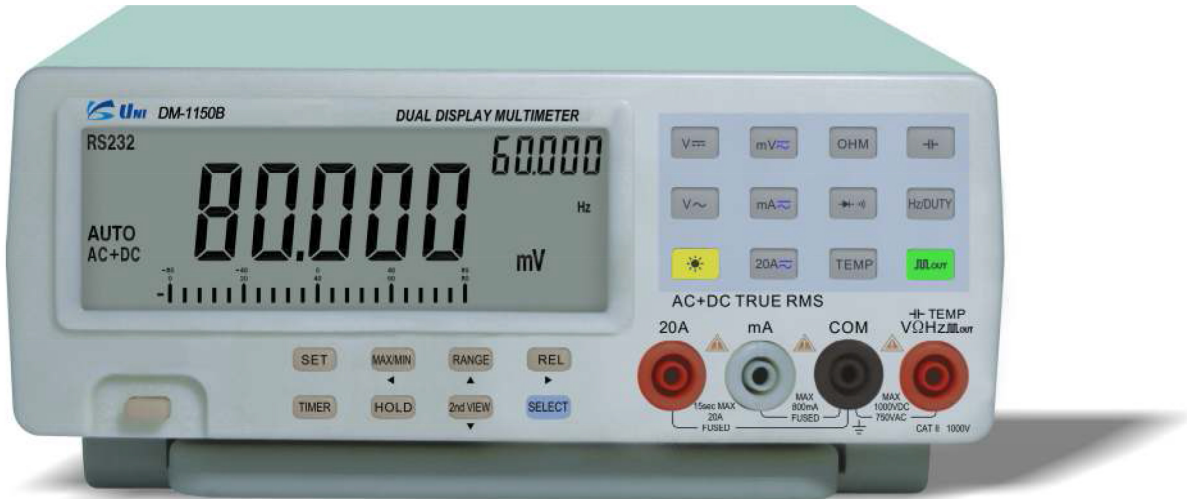


80000 Count Bench Digital Multimeter

DM-1150B



FEATURE

- ◆ Large LCD, 80000 count Dual-display, Analog bar 21 sets.
- ◆ 50 measuring functions, with basic DCV, ACV, DCA, ACA, Ω , 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), ($^{\circ}\text{C} + ^{\circ}\text{F}$).
- ◆ 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

TECHNICAL SPECIFICATIONS

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	±(0.08% rdg+10)			
	800V	10mV				
	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	±(0.8% rdg+50) (at <90% Range), 50Hz~1kHz ±(5.0% rdg+50) (at >90% Range), 50Hz~1kHz			
	750V	10mV				
DCA	80mA	1μA	±(0.2% rdg+10)			Fuse: F750Ma/250v F13A/250V
	800mA	10μA				Voltage drop: ≤800mV
	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: ≤800mV
	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	0Ω~40MΩ: ±(2.5% rdg+10) 40MΩ~80MΩ: ±(3.5% rdg+10)			
	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%					