

Digital Multimeter

TM-8155

Features

- ✓ Large backlit LCD, 80000 counts Dual-display, Analog bar 21 sets
- ✓ 50 measuring functions, including basic DCV, ACV, DCA, ACA, Ω , CAP, Hz, TEMP, Diode and Continuity, etc.
- ✓ 18 sets of output frequency, Max. output up to 8MHz, 1800 waveforms, 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 hours dynamic records: MAX, MIN, AVG, MAX-MIN (REL Δ), (REL%), with up/low limit setting and timing measurement
- ✓ AC measuring adopts highly accurate true RMS measurement, with frequency bandwidth and AC+DC measuring, capable of accurate true RMS measuring of any waveforms in AC range
- ✓ RS232 interface

Product photo



Specifications

Model	TM-8155	
Voltage		
Range	DC	80.000mV, 800.00mV, 8.0000V, 80.000V, 800.00V, 1000.0V
	AC	80.000mV, 800.00mV, 8.0000V, 80.000V, 750.0V
Measurement type	True RMS	
Accuracy	DC	±(0.05% reading+5 digits)
	AC	±(0.8% reading+50 digits)
Current		
Range	DC	80.000mA, 800.00mA, 8.0000A, 20.000A
	AC	80.000mA, 800.00mA, 8.0000A, 20.000A
Measurement type	True RMS	
Accuracy	DC	±(0.2% reading+10 digits)
	AC	±(0.8% reading+20 digits)
Resistance	800.00Ω, 8.0000kΩ, 80.000kΩ, 800.00kΩ, 8.0000MΩ, 80.000MΩ ±(0.3% reading+5 digits)	
Frequency	0.50Hz~8.0000MHz ±(0.03% reading+2 digits)	
Capacitance	1.000nF, 10.00nF, 100.0nF, 1.000uF, 10.00uF, 100.0uF ±(2.5% reading+50 digits)	
Temperature	-50.0°C~1372.0°C / -58.0°F~2502.0°F ±(2.0% reading+2 digits)	
Square wave output	3V / 0.5Hz~5kHz / 1%~99% ±0.02%	
Special functions	Diode test, AC+DC, Continuity	
Overload protection	250V RMS	
General		
Display	Large backlit LCD, 2 parameters	
Counts	80000	
Input Impedance	10MΩ	
AC frequency response	40Hz-50kHz	
Sampling rate	4 times/s; Analog bar 40 times/s	
Range selection	Manual range or Auto range	
Interface	RS232 interface	
Power source	AC115V/230V±10% selectable, 50/60Hz	
Accessories	Power cord x1, Operation manual x1, RS-232 cable x1, Software CD x1, Test lead x1, Temperature probex1	
Dimension (WxHxD)	220x98x245mm	
Weight	Approx.1.8kg	

Specifications are subject to change without prior notice.