

Bench Digital Multimeter

Features

- TM-8155**
- ✓ 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 8MHz, 1800 waveform outputs, 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
- TM-8055**
- ✓ 4 1/2 digits, bench type, large LCD of white backlight, easy to read
 - ✓ With basic DCV, ACV, DCA, ACA, Ω , CAP, Hz, hFE, TEMP, Diode and Continuity measuring functions
 - ✓ Voltage test range up to 1000V DC or peak-peak value AC, resolution up to 10 μV
 - ✓ Current test range up to 20A, auto polarity shift, data hold
 - ✓ AC measuring adopts high accuracy true RMS, measuring broadband and AC+DC function, enabling accurate measuring of virtual value of AC by any waveform

Product photo



TM-8155



TM-8055

Specifications

Basic function	Range		Accuracy	
			TM-8155	TM-8055
DCV	80mV/800mV/8V/80V/800V/1000V		±(0.05%+5)	
	200mV/2V/20V/200V/1000V			±(0.05%+1)
ACV	80mV/800mV/8V/80V/750V		±(0.8%+50)	
	200mV/2V/20V/200V/750V			±(0.8%+80)
DCA	80mA/800mA/8A/20A		±(0.2%+10)	
	20mA/200mA/2A/20A			±(0.35%+10)
ACA	80mA/800mA/8A/20A		±(0.8%+20)	
	200mA/2A/20A			±(0.8%+80)
Resistance	800Ω/8kΩ/80kΩ/800kΩ/8MΩ/80MΩ		±(0.3%+5)	
	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ			±(0.1%+5)
Frequency	0.5Hz~8MHz		±(0.03%+2)	
	20kHz/200kHz			±(1.0%+20)
Capacitance	10nF/100nF/1uF/10uF/100uF		±(2.5%+50)	
	20nF/2uF/200uF			±(3.5%+20)
Temperature	-50℃~1372℃ / -58°F~2502°F		±(2.0%+2)	
Square wave output	3V / 0.5Hz~5kHz / 1%~99%		±0.02%	
Feature	TM-8155		TM-8055	
Diode test	√			
hFE test			√	
True RMS	√			
AC+DC measuring	√			
Continuity alarm	√			
Overloading protection	√			
Input Impedance	10MΩ			
Sampling frequency	4times/sec.	Analog bar 40 times/sec.	3times/Sec.	
AC frequency response	40Hz-50kHz			
Operation mode	Auto range		Manual range	
Max. display	80000		19999	
Computer interface	RS-232			
Standard accessories	Test lead, Power cord, User manual, Software CD, Temperature probe		Test lead, Power cord, User manual	
Power source	AC110V/220V, 50Hz/60Hz			
Meter size	245×220×98mm			
Net weight	1.5kg			