

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
- ✓ RS-232 interface

Product photo

TM-8155+



Specifications

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	$\pm(0.05\% \text{ reading} + 5 \text{ digits})$
	AC	$\pm(0.8\% \text{ reading} + 50 \text{ digits})$
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	$\pm(0.2\% \text{ reading} + 10 \text{ digits})$
	AC	$\pm(0.8\% \text{ reading} + 20 \text{ digits})$
Resistance		800.00 Ω , 8.0000k Ω , 80.000k Ω , 800.00k Ω , 8.0000M Ω , 80.000M Ω
		$\pm(0.3\% \text{ reading} + 5 \text{ digits})$
Frequency		0.50Hz~8.0000MHz
		$\pm(0.03\% \text{ reading} + 2 \text{ digits})$
Capacitance		1.000nF, 10.00nF, 100.0nF, 1.000uF, 10.00uF, 100.0uF
		$\pm(2.5\% \text{ reading} + 50 \text{ digits})$
Temperature		-50.0°C~1372.0°C / -58.0°F~2502.0°F
		$\pm(2.0\% \text{ reading} + 2 \text{ digits})$
Square wave output		3V / 0.5Hz~5kHz / 1%~99%
		$\pm 0.02\%$
Special functions		Diode test, AC+DC, Continuity
Overload protection		250V RMS
General		
Display		Large backlit LCD, 2 parameters
Counts		80000
Input Impedance		10M Ω
AC frequency response		40Hz-50kHz
Sampling rate		4 times/s; Analog bar 40 times/s
Range selection		Manual range or Auto range
Interface		RS-232 interface
Power source		AC115V/230V $\pm 10\%$ selectable, 50/60Hz
Accessories		Power cord x1, Operation manual x1, RS-232 cable x1, Software CD x1, Test lead x1, Temperature probex1
Dimension (WxHxD)		TM-8155: 220x98x245mm TM-8155+: 260x110x385mm
Weight		TM-8155: Approx.1.8kg TM-8155+: Approx.3kg