

## TM-8155+

### Features

- ✓ Large backlit LCD, 80000 counts Dual-display, Analog bar 21 sets
- ✓ 50 measuring functions, including basic DCV, ACV, DCA, ACA,  $\Omega$ , 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 $\Delta$ ), (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	±(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	RS-232 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)	TM-8155: 220x98x245mm TM-8155+: 260x110x385mm	
Weight	TM-8155: Approx.1.8kg TM-8155+: Approx.3kg	

## TM-8055

### Features

- ✓ Large backlit LCD, 4 1/2 digits
- ✓ With basic DCV, ACV, DCA, ACA,  $\Omega$ , CAP, Hz, hFE, Diode and Continuity measuring functions
- ✓ Voltage range up to 1000V DC or peak-peak value AC, resolution up to 10uV
- ✓ Current range up to 20A, auto polarity shift, data hold
- ✓ 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

### Product photo



## Specifications

Voltage		
Range	DC	200.00mV, 2.0000V, 20.000V, 200.00V, 1000.0V
	AC	200.00mV, 2.0000V, 20.000V, 200.00V, 750.0V
Measurement type		True RMS
Accuracy	DC	±(0.05% reading+1 digit)
	AC	±(0.8% reading+80 digits)
Current		
Range	DC	20.000mA, 200.00mA, 2.0000A, 20.000A
	AC	200.00mA, 2.0000A, 20.000A
Measurement type		True RMS
Accuracy	DC	±(0.35% reading+10 digits)
	AC	±(0.8% reading+80 digits digits)
Resistance		200.00Ω, 2.0000kΩ, 20.000kΩ, 200.00kΩ, 2.0000MΩ, 20.000MΩ ±(0.1% reading+5 digits)
Frequency		20.000kHz, 200.00kHz ±(1.0% reading+20 digits)
Capacitance		20nF, 2uF, 200uF ±(3.5% reading+20 digits)
Special functions		Diode test, hFE test, AC+DC, Continuity
Overload protection		250V RMS
General		
Display		Large backlit LCD
Counts		19999
Input Impedance		10MΩ
AC frequency response		40Hz-50kHz
Sampling rate		3 times/s
Range selection		Manual range
Power source		AC115V/230V±10% selectable, 50/60Hz
Accessories		Power cord x1, Operation manual x1, Test lead x1,
Dimension (WxHxD)		220x98x245mm
Weight		Approx.1.5kg

Specifications are subject to change without prior notice.