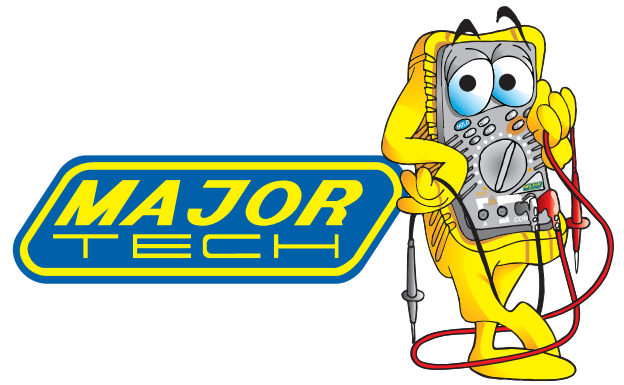


Pocket Multimeters



Technical Data



MT855

The MT855 is an auto ranging pocket digital multimeter supplied in a protective plastic case with test probe storage. This meter has a 4000 count LCD display, and is a versatile and compact meter with integral test leads enables rapid tests for inspection and maintenance. Other features include Data Hold, Relative Mode, Continuity Buzzer and Diode test, Low Battery annunciator as well as an Auto Off functions.

Features Include:

- Auto Ranging DMM
- Capacitance measurement to 100 μ F
- Measures Resistance up to 40M Ω
- Measures AC and DC Voltage to 500V
- Frequency measurement to 10MHz
- Continuity Buzzer and Diode Test
- Integrated Test Leads with Holder
- Data Hold
- Relative Mode
- Auto Power Off

General Specifications

Measuring Method	: $\Delta\Sigma$
Display	: 4000 counts max
Range selection	: Auto range
Over display	: "OL" display
Polarity	: Automatic selection (only "-" is displayed)
Battery discharge	: If the battery has been consumed and the voltage display drops, the display shows
Sampling rate	: Approx. 3 times / sex
Accuracy assurance temperature / humidity range	: 23 \pm 5°C 80% RH max. No condensation
Operating temperature / humidity range	: 0 ~ 40°C 80% RH max. No condensation
Storage temperature / humidity range	: -10 ~ 50°C 80% RH max. No condensation
Environmental condition	: Operating altitude <2000m, pollution degree II
Power supply	: Coin type lithium battery CR2032 (3V), 1pcs
Power consumption	: Approx. 6mW TPY (at DCV)
Battery life	: Approx. 200 hours at DCV
Dimension and weight	: 110.5 (H) x 60 (W) x 11.5 (D)mm; approx. 50g
Accessories	: Instruction manual and case holder
Safety	: IEC1010-1 (EN61010-1)
\leq DC . AC 600V	: Designed to protection Class II requirement of IEC 1010-1, Pollution degree II



Accuracy assurance range : 23 \pm 5 °C 80% RH max. No condensation

Measurement	Range	Accuracy	Input resistance	Remarks
DC Voltage	400.0mV	± 1.3% of rdg ± 3 dgts	Approx. 11MΩ	
	4.000V		Approx. 11MΩ	
	40.00V		Approx. 11MΩ	
	400.0V			
	500V			
AC Voltage 50-60Hz	4.000V	± 1.0% of rdg ± 10 dgts	Approx. 11MΩ	• Accuracy in the case of sine wave
	40.00V	± 2.3% of rdg ± 5 dgts	Approx. 10MΩ	
	400.0V			
	500V			
Resistance	400.0Ω	± 2.0% of rdg ± 5 dgts	• Open voltage : Approx 0.4V • The measuring current changes according to the resistance measure	
	4.000kΩ			
	40.00kΩ			
	400.0kΩ			
	4.000MΩ	± 5.0% of rdg ± 5 dgts		
	40.00MΩ	± 10.0% of rdg ± 5 dgts		
Capacitance	40.00nF	± 5.0% of rdg ± 30 dgts	• Accuracy was measured after canceling display value by relative key	
	400.0nF			
	4.000uF			
	40.000uF	± 10.0% of rdg ± 15 dgts		
	100.0uF			
Frequency	5.000Hz	± 2.0% of rdg ± 5 dgts	• About input sensitivity and frequency characteristic: (Square wave DUTY 50% input) 2.5V 0 to peak input: ≥ 1KHz 6V 0 to peak input : ≥ 10KHz 40V 0 to peak input: ≥ 70KHz	
	50.00Hz			
	500.0Hz			
	5.000kHz			
	50.00kHz			
	500.0kHz			
	5MHz			
	10MHz			
Buzzer	Buzzer sounds at less than 10~ 60Ω			
	Open voltage: approx. 0.4V			
Diode	Open voltage: approx. 1.5V			

Ordering Information

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