

# 600V AC/DC Multimeter True RMS



## Technical Datasheet



### Features:

- 4000 Count Digital Display
- 10A AC/DC
- 600V AC/DC
- -18°C to 1000°C Temperature Range
- 100mF Capacitance
- 99.9mF Frequency
- 40MΩ Resistance

### MT876

The MT876 is a compact True RMS Multimeter supplied in a double moulded rubber housing, designed to withstand the rugged environment of a work site and has been drop tested up to 2 meters. This is an auto ranging multimeter with the option of a manual override, and has a 4000 count display with a back light. There is a built-in tilt stand for hands free convenience as well as low battery indication and auto power off. This meter meets the International Standard IEC 61010-1 CAT III 600V, and is ideally suited for everyday use by electricians, electronics technicians, the air conditioning industry and DIY users.

### Specifications:

FUNCTION	FUNCTION	RANGE
DC Current	Range	400µA - 10A
	Resolution	0.1µA - 0.01A
	Accuracy	±(1.0% + 5 Digits)
AC True RMS Current	Range	400µA - 10A
	Resolution	0.1µA - 0.01A
	Accuracy	±(1.0% + 5 Digits)
DC Voltage	Range	400V - 600V
	Resolution	0.1mV - 1V
	Accuracy	±(0.5% + 8 Digits)
AC True RMS Voltage	Range	4V - 600V
	Resolution	0.001V - 1V
	Accuracy	±(1.2% + 5 Digits)
Resistance	Range	400Ω - 40MΩ
	Resolution	0.1Ω - 0.01MΩ
	Accuracy	±(1.2% + 5 Digits)
Capacitance	Range	99.99nF - 99.9mF
	Resolution	0.01nF - 0.01mF
	Accuracy	±(3.5% + 5 Digits)
Frequency	Range	9.999Hz - 9.999MHz
	Resolution	0.001Hz - 0.001MHz
	Accuracy	±(1.2% + 5 Digits)
Temperature	Range	-18°C - 1000°C
	Resolution	1°C
	Accuracy	±(1.5% + 5°C)
Duty Cycle	Range	0.5% - 99.9%
	Resolution	0.1%
	Accuracy	±(1.2% + 5 Digits)
Continuity	Buzzer sounds at approx. 50Ω	
Diode	Current 1mA, Voltage 3V DC	
Min/Max	Yes	
Data Hold	Yes	
Dimensions	154 x 74 x 43mm	
Weight	255g	
Batteries	2 x AAA	
Accessories	Test Leads & Type-K Temperature Probe	

### Contact Us

Johannesburg  
011 872 5500

Cape Town  
021 556 3091

Durban  
031 569 1024

Port Elizabeth  
041 452 1172

Bloemfontein  
051 430 4958

[www.major-tech.com](http://www.major-tech.com)

[sales@major-tech.com](mailto:sales@major-tech.com)