



## MT1009 Bluetooth Industrial Oscilloscope & Multimeter

The MT1009 Oscilloscope and True RMS Multimeter offers robust features tailored for professional use. With a fast sampling time and comprehensive functionalities, it's ideal for both diagnostic and data logging purposes. Featuring a 10MHz oscilloscope bandwidth with a 50MS/s Real Time sample rate and cursors to assist the user to zoom into measurements. Housed in a double moulded rubber casing with an IP67 rating guarantees dust and waterproof resilience, suitable for rugged conditions. Equipped with a large 50,000 count 320 x 240 TFT colour LCD display, the meter provides clear readings across various parameters including AC/DC voltage up to 1000V, AC current up to 10A, and resistance up to 50MΩ. It also measures frequency up to 10MHz, capacitance up to 10mF, and temperatures ranging from -50°C to 1000°C. The MT1009 excels in data handling with features like data logging and Trend Capture, enabling comprehensive event logging and easy review of recorded data. With Bluetooth technology, the MT1009 seamlessly transfer data to the Meter-X App and to a computer, facilitating detailed analysis. Furthermore, the MT1009 includes advanced measurement capabilities such as AC and AC+DC TRMS measurements, along with a peak capture function that records transients as fast as 250μs. It also offers Min/Max/Average with time stamp for detailed signal fluctuation analysis. Designed for versatility, this device meets motor winding and low ohm (50Ω) measurement needs, making it an indispensable tool for electrical troubleshooting and maintenance tasks.



### Features

- Large 50 000 Count 320 x 240 TFT colour LCD display/ Low pass filter/ IP67 Rating
- 10MHz / 50MS/s Bandwidth/ Real time sample rate
- Logging function with Trend Capture for easy review of logged data
- Bluetooth PC interface for easy data transfer & accuracy calibration
- 100kHz Bandwidth (voltage/current)
- Temperature measurement from -50°C to 1000°C
- AC, AC+ DC, True RMS measurements
- Peak capture (records transients as fast as 250μs)
- Min/Max/Average with Time stamp (records signal fluctuations)
- Motor winding and low ohm (50Ω) measurement range
- The Meter-X software supports bluetooth products transferring the measured data to the customers' smart phone

Function	Range
Oscilloscope Bandwidth	10MHz
Real Time Sample Rate	50ms/s
Rise Time	-10ns
Channels	1
DC Voltage	1000V
AC Voltage	1000V
AC-DC Voltage	1000V
DC Current	10A
AC Current	10A
AC-DC Current	10A
Resistance	50MΩ
Frequency	10MHz
Capacitance	10mf
Temperature	-50°C to 1000°C
Duty Cycle	99.9%
Peak Hold	250μs
Data Logging	Bluetooth & Software
Digital Display	320 x 240 TFT colour
Count	50 000
Rechargeable Battery	7.4V 2400mAh
Dimensions	220 x 96 x 60mm



50 000 Count 320 x 240  
TFT colour LCD display



Oscilloscope and  
Multimeter Functions



IP67 Dust & Waterproof  
Double Moulded Housing



Easy to Identify Test  
Lead Terminals



Tilt Stand



Meter-X Free  
Mobile App

MT1009 | 10MHz Oscilloscope and True RMS Multimeter

Contact Us  
South Africa

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

Australia

[www.majortech.com.au](http://www.majortech.com.au) [info@majortech.com.au](mailto:info@majortech.com.au)