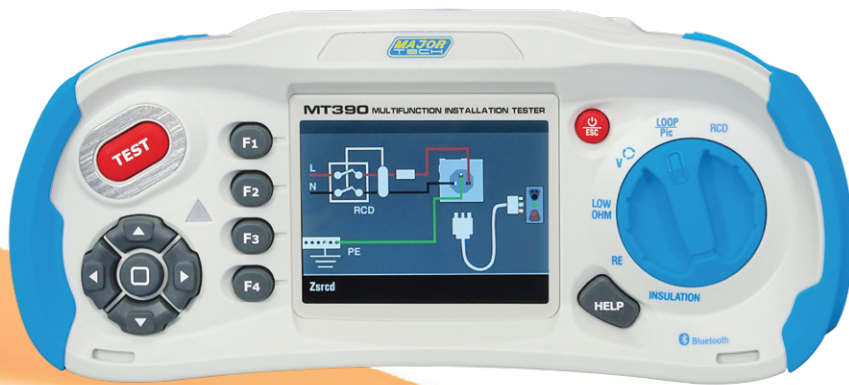




MT390 Bluetooth Multifunction Tester

The MT390 is a fast and accurate Multifunction Installation tester which makes testing installations easy and ensures that it is safe and complies to regulations, and is a must have in an electrician's arsenal. It is the most cost effective MFT on the market and is a firm favourite with electrical installers and commissioning engineers. The unit features Insulation resistance, Low Ohm measurement, Loop/PSC measurement, RCD measurement, Earth resistance measurement, Phase rotation and shows mains voltage with frequency on screen. The MT390 has soft key and menu options allowing the user to access the easy-to-use menu to select and change parameters, and a friendly "Help" option displays a wiring diagram on screen to ensure correct connection. With safety in mind, the meter connections panel has a protective slide that prevents incorrect connection while charging and communicating with the meter. The 3.5" TFT screen displays multiple readings clearly and are visible from all angles.

The instrument allows the user to save, review and label recordings. The all-in-one design includes Bluetooth file transfer and an internal memory with easy-to-use software that eliminates time consuming paperwork while testing multiple sites. The Bluetooth app allows the user to instantly share a measurement to a smartphone, both iOS and Android devices are supported, and the test report can be shared instantly via email in CSV format. Other connection options include Mini USB, S-Video TV out and MicroSD. The rugged double injection rubber housing withstands the knocks and bangs of everyday heavy use, and is supplied in a hard plastic carrying case. The MT390 complies with the IEC 61010 CAT IV 400V safety ratings.



Features

- 3.5" TFT colour LCD display 320 x 240 pixels
- Insulation, Continuity, Earth Resistance
- Variable RCD test with Pass/Fail indication
- Line Voltage with Frequency
- Loop and PSC test, Phase Rotation
- Transmit recorded data via Bluetooth / SD Card / USB
- Voltage recording with Graph
- Combined readings on the images
- Safety design with sliding shield plate to avoid electric shock
- Standard accessories include Earth Resistance Spikes and Leads

Function	Range
Insulation Resistance	125,250,500,1000V
Measuring Range	0,125 - 4000MΩ
Short Circuit Current	1mA
Earth Resistance	99.99 - 2000Ω
Resolution	0.01Ω
Low Ohm (Continuity)	400Ω
Resolution	0.001Ω
Open Circuit Voltage	5.8VDC
Measurement Current	200mA
Voltage Measurement	80 to 500V
Frequency	45-65Hz
Phase Rotation	50-500V
Loop Impedance Range	0.23Ω - 999Ω
Resolution	0.01Ω
Measuring Current (Hi Amp)	8A - 25A
Measuring Current (Anti-Trip)	15mA
PSC/PFC Range	0 - 50kA
Resolution	1A
RCD Test Current	10mA, 30mA, 100mA, 300mA, 500mA, 1000mA
Auto x1/2, x1, x2 and x5	1000mA
Communication Interface	MiniUSB, Bluetooth, MicroSD, S-Video
Battery Lifespan	Removeable Battery Pack - 500 cycles Internal Lithium Battery - 1000 cycles
Dimensions	220 x 95 x 61mm
Weight	631g



3.5" TFT Colour LCD Display
with 320x240 Pixels



Test Probe with
Test Button



8 Functions: Insulation Resistance,
Earth Resistance, Low OHM, Voltage,
Loop Impedance, RCD, PSC/PFC
& Phase Rotation



Safety Design with Sliding
Shield Plate to Avoid
Electric Shock

MT390 | Multifunction Installation Tester

Contact Us
South Africa

www.major-tech.com sales@major-tech.com

Australia

www.majortech.com.au info@majortech.com.au



MT766 IR Thermometer Clamp Meter *TRUERMS*

The MT766 is a CAT IV 600V True RMS 600A AC/DC digital clamp meter incorporating an Infrared Thermometer. This clamp meter has a large 6000 count negative LCD display that provides fast sampling times and high accuracy measurements. The meter measures 1000V AC/DC, frequency, capacitance and resistance measurements. The IR Thermometer has a spot ratio of 4:1 and measures temperature from -30°C to +350°C, plus there is a K-Type thermometer input for measurements up to 1000°C. The VFD function allows the user to measure stable voltage in high frequency applications of Variable Frequency Drives. Added features include Relative mode for Capacitance Zero and DCV, ACV and ACA offset adjustment, Non-Contact voltage detection, MAX/MIN and Data hold function plus a built-in flashlight for dimly lit areas. Housed in a modern double moulded rubber housing with a rugged design. This meter is a useful measuring tool for electricians, maintenance and HVAC environments.

Features

- 6000 count negative LCD display
- Ø33mm Cable Clamp size
- Measurement of DC voltage and AC voltage up to 1000V
- Capacitance to 100mF
- Temperature measurement from -20°C to 1000°C
- IR Temperature Spot Ratio 4:1 & measurement from -30°C to 350°C
- VFD - Variable Frequency Drive voltage value
- NCV – Non-Contact Voltage Detector
- Built-In Flashlight
- Continuity buzzer and Diode Test
- Max, Min and Data Hold function
- Auto Power Off

Function	Range	Accuracy
Jaw Size	33mm	
DC Current	60.00A - 600A	±(2.8% +5)
AC Current	60.00A - 600A	±(1.5% +10)
DC Voltage	600.0mV – 1000V	±(1.2% +5)
AC Voltage	6.000V – 1000V	±(1.5% +5)
Resistance	600.0Ω – 60MΩ	±(2.0% +5)
Frequency	9.999Hz – 9.99kHz	±(1.5% +6)
Capacitance	999.9nF – 100mF	±(4.0% +6)
Temperature	-20°C – 1000°C	±(3.0% +3°C)
IR Temperature	-30°C – 350°C	±(2.0% +2°C)
Duty Cycle	20.0% - 80%	±(1.2% +5)
Size	236 x 66 x 44mm	
Weight	350g	



IEC 61010-1
CAT IV
600V

IEC 61010-1
CAT III
1000V



Red Light indicates detection of Non Contact Voltage (NCV)



6000 Count Backlit Negative Colour Display



Rear entry of standard 4mm Test Lead Terminals



Illuminated functions for easy selection in dimly lit areas



Meter includes flash light to light up area of test

MT766 | 600A AC/DC Clamp Meter with IR Thermometer

Contact Us
South Africa

www.major-tech.com sales@major-tech.com

Australia

www.major-tech.com.au info@major-tech.com.au