



MT390 Bluetooth Multifunction Tester

The MT390 is a fast and accurate Multifunction Installation tester that simplifies the testing of installations, ensuring they are safe and compliant with regulations—a crucial tool in every electrician's toolkit. It stands out as the most cost-effective MFT available on the market and enjoys widespread popularity among electrical installers and commissioning engineers. The unit offers various features, including Insulation resistance measurement, Low Ohm measurement, Loop/PSC measurement, RCD measurement, Earth resistance measurement, Phase rotation detection, and the display of mains voltage with frequency on the screen.

The MT390 comes equipped with soft keys and intuitive menu options, making it easy for users to access and modify parameters. Additionally, it includes a helpful "Help" option that displays wiring diagrams on the screen to ensure correct connections. Safety is a top priority, and the meter's connection panel features a protective slide to prevent incorrect connections during charging and communication with the meter. The 3.5" TFT screen presents multiple readings clearly and is visible from all angles.

This instrument allows users to save, review, and label recordings. Its all-in-one design incorporates Bluetooth file transfers and internal memory with user-friendly software, eliminating the need for time-consuming paperwork when testing multiple sites. The Bluetooth Meter-X app enables instant sharing of measurements with both iOS and Android devices supported, and the test report can be shared via email in CSV format. Other connectivity options include Mini USB, S-Video TV out, and MicroSD. The MT390 boasts a rugged double-injection rubber housing, capable of withstanding the rigors of heavy daily use. It comes in a durable hard plastic carrying case for added protection. Importantly, the MT390 complies with the IEC 61010 CAT IV 400V safety ratings, ensuring the highest level of safety in electrical testing.

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 - 1000MΩ
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
DC Voltage	0.00V to 1500V
AC Voltage	80V to 500V
Frequency	45-65Hz
Phase Rotation	50 - 500V AC
Loop Impedance Range	0.23 - 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
Auto, x½, x1, x2 and x5	300mA, 500mA, 1000mA
Communication Interface	Mini USB, Bluetooth MicroSD & S-Video
Batteries	
LCD Display Memory	Built-in Lithium Battery
Main Unit	Rechargeable Battery Pack
Battery Lifespan	
Built-In Lithium Battery	1000 cycles
Rechargeable Battery Pack	500 cycles
Dimensions	220 x 95 x 61mm
Weight	1.56Kg



8 Functions in 1 Meter



3.5" TFT Colour LCD Display with 320x240 Pixels



Sliding Shield Plate to Avoid Electric Shock



Test Probe with Test Button



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