

SOCKET & SEE™

MFT5000 Multifunction Installation Tester



- Accessible multi-testing solution, that provides all-in-one functionality with numerous functions available
- Clear and user-friendly interface, with a colour-coded fascia and backlit screen
- Accurate insulation testing with selectable ranges (250V, 500V, 1000V)
- Select from various RCD options (30mA, 100mA, 300mA, 500mA) and benefit from auto test mode
- Assess Line-Neutral and Line-Earth impedance to determine prospective short circuit current (PSC) and prospective fault current (PFC)
- No-trip 3-wire test mode verifies correct connections without causing RCD trips on healthy circuits
- With the PFC/PSC display, promptly view the test results after performing loop testing
- Diagnose circuit issues and perform efficient checks to assess wiring conditions

Description

The Socket & See MFT5000 18th Edition Multifunction Tester, is an affordable and user-friendly tester that combines essential functions in one robust unit. With its colour-coded fascia and backlit screen, it is suitable for testing in diverse environments, from domestic to industrial.

The MFT5000 offers insulation testing with selectable ranges (250V, 500V, 1000V) and displays current, voltage, and resistance calculations. It includes loop testing for assessing Line-Neutral and Line-Earth impedance, determining prospective short circuit current (PSC) and prospective fault current (PFC) for the installation.

The no trip 3-wire test mode ensures correct connections before conducting the loop test without tripping RCD on a healthy circuit. The PFC/PSC display shows results quickly after the loop test.

RCD testing is made easy with selectable options (30mA, 100mA, 300mA, 500mA), including an auto test mode for all required checks and a clear PASS/FAIL indication. The ramp test gradually increases fault current to identify RCD trip levels, useful for diagnostic testing.

Phase rotation measurement automatically displays the rotation direction based on amplitudes and phase angles. The MFT5000 includes socket testing for quick checks and a polarity test pad to identify reverse polarity situations.

Continuity testing measures circuit resistance accurately, with a lead null function for speed. The Socket & See MFT5000 is the all-in-one solution, combining affordability, ease of use, and durability for professionals in various testing environments.

Specifications

Dimensions (mm): 115 x 245 x 140
Weight (with batteries): 965 g
Protective device: F0.5A, 500V, HRC 6.3 x 32mm
LCD display: Colour LCD 3.5" 320xRGBx240 px
Category rating: 300V CAT IV
600V CAT III
Ingress protection rating: IP54

Operating temperature: 0°C to 40°C
Storage temperature: -10°C to 60°C
Operating humidity: 80% @ 31°C to 50% @ 40°C
Operating altitude: 0 to 2000m
Battery type: 6 x AA / LR6 Alkaline

Century Road,
High Carr Business Park,
Newcastle-Under-Lyme,
ST5 7UG
United Kingdom

www.socketandsee.co.uk
info@socketandsee.co.uk
Tel: 44 (0)1782 567096
Fax: 44 (0)1782 567095
Socket & See is a brand name of UK Test Instruments Limited

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