## MI 3325 MultiServicerX



## **Measuring functions**

- Continuity (2-wire & 4-wire), 0.2 A, 4 A, 10 A, 25 A + voltage drop @ 10 A;
- HV AC, HV AC programmable 100 V 5100 V;
- Insulation resistance (Riso, Riso-S) 50 V, 100 V, 250 V, 500 V, 1000 V (DC);
- Sub-leakage current, (Isub, Isub-S) 110 V (AC), 230 V (AC);
- Z loop fault loop impedance and prospective fault current (lpsc, Ulpe, Uc(P));
- Zs rcd fault loop impedance and prospective fault current in system with RCD (lpsc, pe, Uc(P));
- Z line line impedance and prospective short-circuit current (Ipsc, Uln);
- Functional test (power P/S/Q, voltage, current, cos fi, frequency, ThdU, ThdI, PF);
- Touch leakage current;
- RCD testing (RCD Uc, RCD t, RCD I);
- Differential leakage current;
- PE leakage current;
- Polarity;
- Clamp current;
- Voltage, Frequency, phase rotation;
- Varistor test;
- Voltage drop;
- Discharging time.

## Key features

- Touch screen: high resolution colour touch screen, 4.3" TFT.
- Double manipulation: keyboard and touch screen enable the user to control the instrument in any manner they like.
- Pre-defined AUTOSEQUENCE®s: enable the user simple and quick execution of test sequence for the chosen device.

- Support for RCD testing: A, AC, B, B+ and F RCDs.
- Testing of welding equipment (only in combination with A 1422): MultiServicerXD support testing of welding equipment in accordance with IEC/EN 60974-4.
- Functional inspections.
- Visual inspections.
- Custom inspections (visual and functional).
- Built-in help screens for referencing on site.
- Built-in fuse tables for automatic evaluation of the line / loop impedance result.
- Monitoring of all 3 voltages in real-time.
- Hi-pot: high voltage AC (5.1 kV @ 250 VA).
- Continuity: 4 wire continuity test with selectable test current (0.2 A, 4 A, 10 A, 25 A) enabling precise measurements.
- Communication: RS-232, USB, Ethernet and Bluetooth communication ports enabling downloading, uploading and remote control over instrument.
- Multi-system testing: the instrument can be used on TT, TN, IT and 115 V supply systems.
- Automated RCD testing procedure (RCD AUTO).
- Automated impedance testing procedure (Z AUTO).
- Measurement filtering according to the selected area group.
- Large memory: support for microSD memory cards, 8 GB card already integrated in the instrument, although that can be expanded to 32 GB.
- PC SW Metrel ES Manager: enables creation of test structures, user-defined AUTOSEQUENCE®s, professional test reports and data transfer for archiving.

## Technical data

- Dimensions (w x h x l): 420 x 325 x 180 mm / 420 x 325 x 250 mm (with accessories)
- Mass: 13.3 kg / 15.1 kg (with accessori