

MI 3311 GammaGT

The new MI 3311 GammaGT is a battery powered multifunctional instrument intended to perform measurements for testing the electrical safety of portable electrical equipment. Due to large graphical LCD with backlight, two PASS / FAIL LED indicators and HELP screens for each measurement the handling of the instrument is clear and simple. Up to 1500 test results with parameters can be stored in the internal memory of the instrument and then downloaded to the PC for further data handling and creation of test report. Lightweight design, pre-programmed and custom test sequences, optional barcoding and RFID systems and built-in calibration unit make the MI 3311 an ideal instrument for high volume professional safety testing of portable appliances.

MEASURING FUNCTIONS:

- Continuity test with 200 mA;
- Insulation resistance;
- Insulation resistance of isolated accessible conductive parts;
- Substitute leakage current;
- Substitute leakage current of isolated accessible conductive parts;
- IEC cord polarity test;
- TRMS voltage;
- Functional and visual inspection.

KEY FEATURES:

- **Autosequencing:** pre-programmable VDE compatible autosequences, up to 50 custom prepared autosequences and barcode autotests speed up testing and ensure that no tests are missed.
- **Checkbox:** built-in calibration unit performs calibration of the instrument and the calibration results are automatically stored into instrument's memory.
- **PASS / FAIL:** large green and red lights of the LEDs indicate a PASS or FAIL evaluation of test result.
- **Scan and test:** optional barcoding system and PASS / FAIL barcode label printing make retesting quick and simple.
- **RFID:** support for advanced RFID identification system.
- **User friendly:** large LCD screen, two Pass / Fail LED indicators, help screens and warnings make the instrument an extremely easy to use.
- **Multi-tasking:** instrument performs continuity test, 250 V and 500 V insulation tests, substitute leakage measurement, functional and polarity tests.
- **Memory:** up to 1500 test results with measuring parameters can be stored in two level memory and downloaded to the PC with the help of PC SW PATLink PRO.



- **Built-in charger & rechargeable batteries:** instrument has a built-in charging circuit and comes complete with a set of rechargeable NiMH batteries.
- **PC SW PATLink PRO** enables downloading, viewing, printing of test results and exporting of data to spreadsheet applications.
- **PC SW PATLink PRO Plus** enables advanced analysis of test results, upload of pre-programmed custom autosequences, creation of professional test reports.

APPLICATION:

- Professional PAT testing;
- General PAT testing;
- After repair PAT safety testing.

STANDARDS:

Functionality:
EN 61557; VDE 0404-1; VDE 0404-2; VDE 0701; VDE 0702; NEN 3140
Electromagnetic compatibility:
EN 61326
Safety: EN 61010-1; EN 61010-031

TECHNICAL SPECIFICATION:

Function	Measuring range	Resolution	Accuracy
PE continuity (200 mA)	0.00 Ω ... 19.99 Ω 20.0 Ω ... 199.9 Ω 200 Ω ... 1999 Ω	0.01 Ω 0.1 Ω 1 Ω	±(5 % of reading + 3 digits) Indication only Indication only
Insulation resistance (250 V _{DC} , 500 V _{DC})	0.00 MΩ ... 19.99 MΩ 20.0 MΩ ... 49.9 MΩ 50.0 MΩ ... 199.9 MΩ	0.01 MΩ 0.1 MΩ 0.1 MΩ	±(5 % of reading + 3 digits) ±(5 % of reading + 3 digits) Indication only
Substitute leakage current	0.00 mA ... 9.99 mA 10.0 mA ... 20.0 mA	0.01 mA 0.1 mA	±(5 % of reading + 3 digits) ±(5 % of reading + 3 digits)
Voltage	0 V ... 300 V	1 V	±(2 % of reading + 2 digits)
Polarity test	Test voltage < 50 V _{AC}		
Power supply	6 x 1.2 V NiMH rechargeable batteries, type AA		
Overvoltage category	CAT II / 300 V		
COM port	RS232 and USB		
Dimensions	140 x 80 x 230 mm		
Weight	0.86 kg		

STANDARD SET:

- MI 3311
- Instrument GammaGT
- Small soft carrying bag
- IEC cable, 2 m
- Test probe, black
- Test lead, black, 1.5 m
- Crocodile clip, black
- Power supply adapter
- NiMH rechargeable batteries, type AA, 6 pcs
- Instruction manual
- Calibration certificate



KEY FEATURES



Large LCD screen with backlight and PASS / FAIL indicators.



Simple and fast manipulation.



USB and PS/2 connectors for communication with PC and barcode scanner.