

STANDARD SETS MI 3310A SigmaGT



- Instrument MI 3310A SigmaGT (with bluetooth)
- Small soft carrying bag
- Test lead, brown, green, black, 1.5 m
- Crocodile clip, brown, green, black
- Test probe, brown, green, black
- PC software PATLink PRO
- RS232 cable, USB cable
- Instruction manual
- Short instruction manual
- Calibration certificate
- NiMH rechargeable batteries, type C, 6 pcs
- IEC test cable, 2 m
- Mains cable 16 A

MI 3305 OmegaGT Plus / MI 3304 BetaGT Plus



- Instrument OmegaGTPlus MI 3305 / BetaGTPlus MI 3304
- Continuity / Leakage cable
- PRCD cable
- Test probe, green
- Test probe, black
- Test lead, green 1.5 m
- Test lead, black 1.5 m
- Crocodile clip, green
- Crocodile clip, black
- Flash cable (only for MI 3305)
- PC SW PATLink PRO
- RS232 cable
- USB cable
- Instruction manual
- Calibration certificate

STANDARD SETS MI 3310A SigmaGT



- 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
- 6 x AA NiMH batteries
- Instruction manual
- Short instruction manual
- Calibration certificate

MI 3309 DeltaGT



- Instrument MI 3309 DeltaGT
- Soft carrying bag
- IEC cable, 2m, 2 pcs
- Test lead, black, 1.5 m
- Test lead, green, 1.5 m
- Test lead, brown, 1.5 m
- Crocodile clip, black, green, brown
- Test probe, black, green, brown
- PC software PATLink PRO
- RS232 cable
- USB cable
- Instruction manual
- Short instruction manual
- Calibration certificate
- NiMH rechargeable batteries, type AA, 6 pcs

RECOMMENDEET ACCESSORIES

Photo	Order No.	Acc. description
	A 1289	Soft carrying bag
	A 1306	PC SW PAT Link PRO with USB and RS232 PS2 cable
	A 1203	A 1203 Upgrade code PAT Link PRO to PAT Link PRO Plus
	A 1276	Label printer (RS232)
	A 1318	Label printer (Bluetooth)
	A 1295	Labels for A 1276, A 1318 printers
	A 1328	Hi-Q Labels for A 1276, A 1318 printers
	A 1321	Barcode scanner (Bluetooth)
	A 1105	Barcode scanner
	A 1107	RFID reader / writer
	A 1337	RFID tags, self-stick, 50 pcs
	A 1108	RFID tags, self-stick, 25 pcs RFID tags, key-tag, 25 pcs
	A 1207	Three phase adapter
	A 1331	Test lead with crocodile black 1.5 m
	A 1316	Three phase adapter (16A CEE-Schuko)
	A 1317	Three phase adapter (32A CEE-Schuko)
	A 1322	Active 3-phase Adapter

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APPLICATIONS AND SOLUTIONS FOR TESTING AND ANALYSIS OF:

- Portable appliances
- Transportable or moveable equipment
- Hand held appliances or equipment
- Stationary appliances or equipment
- Equipment, such as power tools used in building industry
- Information technology (IT)
- Fixed installed appliances or equipment



Note! Photographs in this catalogue may slightly differ from the instruments at the time of delivery.
Subject to technical change without notice.

SOLUTIONS FOR TESTING _December_2011_Ang

IN SAFE HANDS

PAT fundamental safety checks, Maintenance testing, Testing of electrical equipment on construction sites, After repair testing, Testing of electrical appliances in hire centres

NEW PAT TESTING TECHNOLOGY DESIGNED WITH SAFETY IN MIND

Metrel has over 50 Years experience in the development and production of Electrical Testers. We here at Metrel are proud to present our new family of PAT Test Instruments covering the entire requirements of Portable Appliance Testing:

- Testing of power tools used on construction sites
- Testing of appliances protected with RCD's (type AC, A, B, S, K), portable RCD's
- Testing of 3-phase appliances (with active 3-phase Adapter A 1322)
- Testing of hard-wired appliances

Metrel's PAT testing solution is based on new innovative technology, the in-built Active polarity and fast test mode, all in all provide the quickest execution of measurements that you can find on the market. In addition Metrel's new PAT test instruments all comply with the PAT testing standards; VDE 0701-0702, NEN 3140, AS/NZS 3760 and code of practice 3rd Edition.

There are more highly beneficial functionalities to discover when you go PAT Testing with Metrel's new PAT testers including the following:

- Support for Bar-coding and Bar-code reading/label printing via USB, RS232 and Bluetooth communication ports
- Creation of custom made auto tests with custom limits set into the testers
- Professional and user-friendly PC software PATLink PRO, designed with the portable appliance testing engineers in mind
- Help screens for easy setup of test procedures
- Built-in Checkbox (on selected models) as per the guidelines of the 3rd Edition of the Code of practice



Construction site



Workshop / Service

SYMBOLS FOR KEY FEATURES

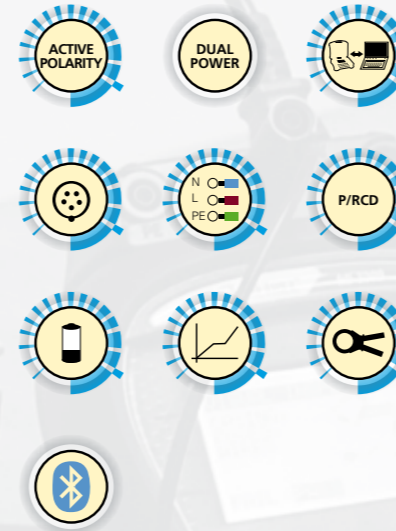
- Pre-programmed automatic simple tests
- Downloadable/Uploadable
- 3-phase appliance testing with support of 3-phase active adapter
- Flash testing with 1500 V AC, 3000 V AC
- Pass / Fail LED - indication
- RCD / Portable RCD testing (no external adapter needed)
- Trend analysis with on site comparison of test results
- Clamp leakage measurement
- Special terminals for fixed appliance testing
- Built-in Checkbox
- Enables tests on P/RCD protected extension leads
- Operates on batteries and mains
- Built-in charger
- Bluetooth

Legende: Metrel unique solution

COMPLETE SOLUTION FOR SINGLE AND THREE PHASE APPLIANCES

MI 3310A SigmaGT

The MI 3310A SigmaGT is a multifunctional portable test instrument intended to perform all measurements for complete testing of portable electrical equipment. Along with numerous features like dual power supply support, built-in battery charger, lightweight design, large bright LCD, Bluetooth data transfer, soft qwerty keypad, internal memory for up to 6000 results this instrument offers also testing of RCD-protected cords, and testing of fixed appliances. Optional 3-phase active adapter enables testing of 3-phase appliances.



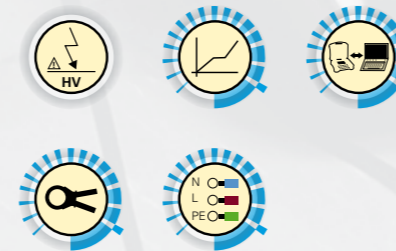
MEASURING FUNCTIONS:

- Earth bond resistance with 10 A;
- 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;
- Differential leakage current;
- Touch leakage current;
- IEC cord polarity test;
- Leakage and load currents with current clamp;
- RCD and portable RCD testing;
- Functional test;
- Bluetooth interface.

AFTER REPAIR TESTING

MI 3305 OmegaGT Plus / MI 3304 BetaGT Plus

The MI 3305 OmegaGT Plus is Metrel's top instrument intended for the extensive electrical safety testing of a wide range of portable appliances. With its ability to Flash test the MI 3305 OmegaGT Plus is an ideal instrument for after repair safety testing.



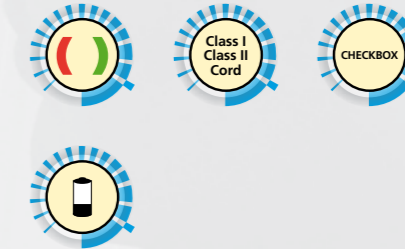
MEASURING FUNCTIONS:

- Continuity tests (200 mA, 10 A, 25 A);
- Insulation resistance;
- Substitute leakage current;
- Differential leakage current;
- Touch leakage current;
- IEC cord polarity test;
- Leakage and load TRMS current measurement with current clamp;
- Portable RCD testing;
- HV Flash test (OmegaGT Plus only);
- Functional test.

BASIC SAFETY CHECKS

MI 3311 GammaGT

Hand held battery powered tester appropriate for quick safety checks, with optional download facility. To reduce the time involved in testing, the MI 3311 GammaGT automatically performs Earth Continuity, Insulation, Sub-Leakage test and Polarity tests according to the appliance type (selected by the user manually or via a barcode scanner).



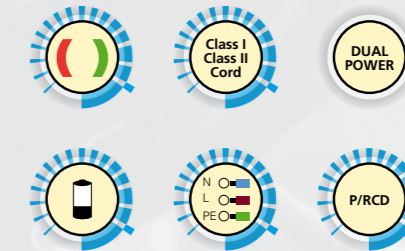
MEASURING FUNCTIONS:

- 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.

COMBINED FIXED INSTALLATION & PAT TESTING

MI 3309 DeltaGT

Downloadable battery and mains powered hand held tester appropriate for both fixed installation and portable appliance testing. Dual power capability enables the MI 3309 to perform differential leakage current tests in spite of its lightweight portable design. Integrate unique PRCD-testing technology prevents tripping out of mains RCD during measurement. These features make the MI 3309 DeltaGT an ideal combination test instrument for fixed installations and portable appliances.



MEASURING FUNCTIONS:

- Functional and visual inspection;
- 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;
- Differential leakage current test;
- Touch leakage test;
- RCD and portable RCD testing;
- Power test;
- IEC cord polarity test;
- TRMS voltage.