

MI 3311 GammaPAT

NEW

- Handheld battery powered PAT tester
- Built-in PAT CHECK BOX
- LED Pass/Fail indicators
- Safe and easy to use

Innovation in PAT Testing

MI 3311 GammaPAT is a tester designed specifically for fast and efficient periodic testing of portable appliances. It is the perfect tool for in house maintenance engineers and electrical contractors who would like to perform portable appliance testing. The tester is designed to be easy to use and extensive training is not required to start using the instrument. If you would like to increase your efficiency you can use the MI 3311 GammaPAT PRO with the PC SW PAT link PRO (or PRO Plus) that enables direct downloading of data to your PC.

The small, lightweight design of the MI 3311 GammaPAT makes it ideal for getting into small, awkward places (e.g. under tables, behind cabinets etc). The built-in check-box ensures that the instrument is reading correctly before testing begins and autosequences containing earth continuity, insulation, sub-leakage and polarity tests which are automatically performed according to the appliance type (selected by the user).

The large, backlit display shows all the results after testing and the bright red and green pass/fail indicators on the side of the display means that you will never be left in the dark as to whether your portable appliance meets the appropriate appliance safety regulations and code of practice.

THE FOLLOWING TESTS CAN BE PERFORMED:

- Earth continuity resistance
- Insulation resistance
- Insulation resistance of isolated accessible conductive parts
- Substitute leakage current
- Substitute leakage current of isolated accessible conductive parts
- Functional and visual inspection
- IEC cord polarity test
- Voltage TRMS meter

POWERFUL FUNCTIONS FOR FAST AND EFFICIENT PERIODIC TESTING:

- Pre-programmed test sequences according to code of practice.
- Simple autotests.
- Fast testing with help of barcodes.
- Test sequences can be uploaded from PC, with optional PATLink PRO Plus.

STANDARDS

Electromagnetic compatibility (EMC): EN 61326

Safety (LVD): EN 61010-1; EN 61010-031

Functionality: EN 61557; VDE 0404-1; VDE 0404-2

Other reference standards for testing portable appliances: VDE 0701-702; NEN 3140

Key features



3 years manufacturers warranty



Autosequence



Downloadable



Help menu



Pass fail evaluation



Rechargeable



MI 3311 GammaPAT LITE Basic PASS/FAIL

MI 3311 GammaPAT LITE is a handheld battery powered tester. This is used for fast and efficient periodic testing of portable appliances. It is a perfect tool for in house maintenance engineers and electrical contractors. It is easy to use with 2 levels of autosequence (basic and advanced) and a simple mode to make the unit user friendly. The small, light weight design of the GammaPAT LITE makes it ideal for getting into small, awkward places. It also has an integrated PAT Checkbox to ensure that the instrument always reads correctly.



KEY FEATURES of GammaPAT LITE:

LED Pass/Fail indicators: two LED indicators for PASS / FAIL evaluation of test results are placed on both sides of the LCD.

Battery powered: battery power makes the instrument more portable for moving around test sites.

Internal battery charger: Batteries can be charged by connecting a 12 V via adapter.

Easy to use: 2 levels of autosequence (basic and advanced) make the unit suitable for all types of portable appliance testing.

Backlight: Large bright LCD with backlight for easy reading of results even in dark conditions.

Help screens: unit comes complete with built-in help screens for referencing on site.

Upgradeable: if changes occur to the regulations, upgrades can be made to the firmware to keep the instrument up to date.

Barcode scanning function: Optional barcode scanning system can help increase speed of testing with medium and advanced autosequencing, reads appliance ID's.

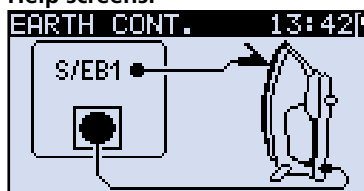
The integrated Checkbox has been developed to provide the checking of the calibration of MI 3311 GammaPAT as required by the Code of Practice.

Autosequence is a series of tests that are initiated with the press of a button and are automatically executed in a particular order by the test instrument.

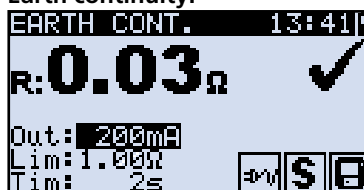
Optional downloadable: with memory capacity of 1500 locations, the unit can be downloadable to a computer via the optional PATLink PRO software.



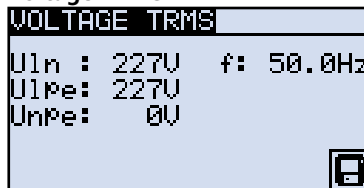
Help screens:



Earth continuity:



Voltage TRMS:



Polarity:



ORDERING INFORMATION

STANDARD KIT - Part No. MI 3311 LITE

- MI 3311 GammaPAT LITE
- IEC cable, 1.8 m
- Test probe, red
- Test lead, red, 1.5 m
- Crocodile clip, red
- Power supply adapter
- 6 x AA NiMH batteries
- Small soft carrying bag
- Instruction manual
- Calibration certificate



RECOMMENDED ACCESSORIES

- Small Hard case
- Soft hand strap
- Barcode scanner

MI 3311 GammaPAT PRO Downloadable PASS/FAIL

MI 3311 GammaPAT PRO is a downloadable, handheld, battery powered tester that is used for fast and efficient periodic testing of portable appliances. It is a perfect tool for in house maintenance engineers and electrical contractors. It is easy to use with 2 levels of autosequence (basic and advanced) and a simple mode to that make the unit user friendly. The small, light weight design of the GammaPAT PRO makes it ideal for getting into small, awkward places. It also has an integrated PAT Checkbox to provide the checking of the calibration. MI 3311 GammaPAT PRO comes complete with the PATLink PRO PC SW which allows results to be downloaded to a PC, placed onto a report and printed or stored for future reference.



KEY FEATURES of GammaPAT PRO:

LED Pass/Fail indicators: two LED indicators for PASS / FAIL evaluation of test results are placed on both sides of the LCD.

Battery powered: battery power makes the instrument more portable for moving around test sites.

Internal battery charger: Batteries can be charged by connecting a 12 V via adapter.

Easy to use: 2 levels of autosequence (basic and advanced) make the unit suitable for all types of portable appliance testing.

Backlight: Large bright LCD with backlight for easy reading of results even in dark conditions.

Help screens: unit comes complete with built-in help screens for referencing on site.

Upgradeable: if changes occur to the regulations, upgrades can be made to the firmware to keep the instrument up to date.

Barcode scanning function: Optional barcode scanning system can help increase speed of testing with medium and advanced autosequencing, reads appliance ID's.

Downloadable: with memory capacity of 1500 locations, the unit is downloadable. PC SW PAT Link PRO is included in the the standard set, enables downloading of test results, parameters and creation of test reports.

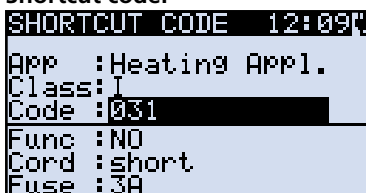
The integrated Checkbox has been developed to provide the checking of the calibration of MI 3311 GammaPAT as required by the Code of Practice.

Autosequence is a series of tests that are initiated with the press of a button and are automatically executed in a particular order by the test instrument.

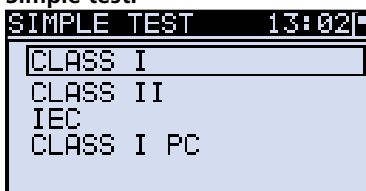
Visual inspection:



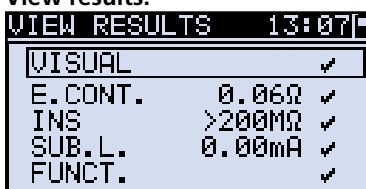
Shortcut code:



Simple test:



View results:



ORDERING INFORMATION

STANDARD KIT - Part No. MI 3311 PRO

- MI 3311 GammaPAT PRO
- IEC cable, 1.8 m
- Test probe, red
- Test lead, red, 1.5 m
- Crocodile clip, red
- Power supply adapter
- 6 x AA NiMH batteries
- PC SW PAT Link PRO with USB and RS232-PS/2 cable
- Small soft carrying bag
- Instruction manual
- Calibration certificate



RECOMMENDED ACCESSORIES

- Small Hard case
- Soft hand strap
- Barcode scanner
- Upgrade code PAT Link PRO to PAT Link PRO Plus

Recommended accessories

Photo	Description	Order No.
	Small Hard case	HC 30
	Soft carrying bag	A 1289
	Fast charger for up to 8 AA bat. with a set of 6 pcs NiMH bat.	A 1160
	PC SW PAT Link PRO with USB and RS232-PS/2 cable	A 1305
	PC SW PAT Link PRO Plus with USB and RS232-PS/2 cable	A 1306
	Upgrade code PAT Link PRO to PAT Link PRO Plus	A 1203
	Barcode scanner	A 1105
	110 V adapter	A 1136
	IEC- 110 V adapter	04-1002

Services available

Calibration

Standard & Express services, including next day and same day Call 'N' Cal.

Repair

UK based repair & service centre.

Medi-Cal Service – refurbish your old meter

Full service of all the mechanically actuated components, new firmware & full adjustment. Calibration & service certificates included.

SmartWater – make it safe

SmartWater forensic security marking for meters and accessories.

Checkpoint

Interim spot checks on all settings, certificate provided.

Technical Helpline

Free Technical Advice from our experienced technicians from 8.00 am until 5.00 pm
Call: 01924 24 5000

Technical specifications

MI 3311 GammaPAT		MI 3311 LITE	MI 3311 PRO
MEASUREMENT	Earth continuity resistance (200 mA)	✓	✓
	Insulation resistance (250 V)	✓	✓
	Insulation resistance (500 V)	✓	✓
	Substitute leakage current	✓	✓
	IEC Lead test (polarity test)	✓	✓
	Voltage TRMS	✓	✓
	Functional inspection	✓	✓
ADDITIONAL FEATURES	PASS/FAIL Indicators	✓	✓
	Graphical LCD	✓	✓
	Graphical On-Line help	✓	✓
	Back light	✓	✓
	Auto testing (manually select class and type of appliance)	✓	✓
	Barcode shortcut auto testing, needs optional Barcode scanner	Optional	Optional
	Downloadable	Optional	✓
PAT CHECK BOX	The integrated Checkbox for calibration checking as required by Code of Practice	✓	✓
COMMUNICATION PORTS	USB	✓	✓
	RS232 (connection type PS/2)	✓	✓
SOFTWARE MEMORIES	PC SW PAT Link PRO	Optional	✓
	PC SW PAT Link PRO Plus	Optional	Optional
	Memory (No. locations)	1500	1500
GENERAL DATA	Safety category	CAT II / 300 V	CAT II / 300 V
	In-built battery charger	✓	✓
	Batteries	6 x AA	6 x AA
	Weight	0.86 kg	0.86 kg
	Size (mm)	230 x 140 x 80	230 x 140 x 80

Distributor:



Test and Measuring Equipment

Metrel UK
Unit 1, Hopton House, Ripley Drive,
Normanton, West Yorkshire, WF6 1QT
Tel.: 01924245000
Web: www.metrel.co.uk
E-mail: info@metrel.co.uk