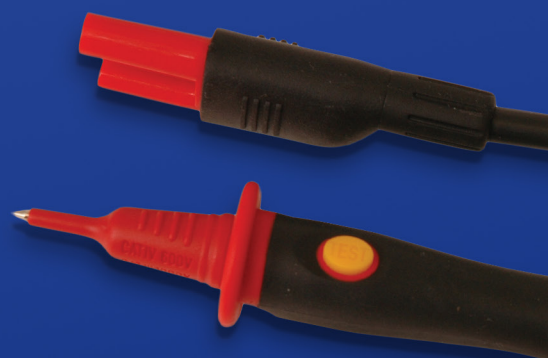


MARTINDALE
ELECTRIC

Keeping You Safe

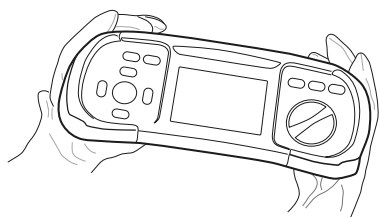
Multifunction testing

ET6000 series



Multifunction testers





The ET6000 series multifunction testers from Martindale are professional, accurate, hand-held test instruments, intended to perform all the measurements required for the verification of electrical safety of installations, in accordance with the latest 18th Edition Wiring Regulations.

The three models in the range deliver fast, reliable, high-current and non-trip loop testing as standard, together with a high level of input protection and a CAT III 600V / CAT IV 300V safety rating. All models include voltage measurement and phase sequence indication.

The large colour display with backlight, offers easy-to-read results, measurement parameters, and useful HELP menus at the press of a button for virtually every function, with example connection diagrams where appropriate.



ET6000

Multifunction tester

The ET6000 is the ideal standard installation tester for 18th Edition testing. Fast, reliable, high-current and non-trip loop testing as standard. The high-quality, bright colour display gives clear, easy-to-read results.

- Tests to 18th Edition wiring regulations
- Auto RCD and ramp test
- Voltage measurement and phase rotation
- Multiple easy-to-access help screens
- Test & go carry case



ET6300

Multifunction tester (EV ready)

The Martindale ET6300 includes all the functions of the ET6000 and adds a wider range of RCD tests. The TL180 remote probe and EV charger test capability using the optional TL326-EV, makes this an excellent choice.

ET6300 additional features:

- EV testing ready (with optional adapter)
- Low current continuity test
- 6mA, 650mA and 1000mA RCD tests
- TL180 slimline probe with test button



ET6500

Advanced multifunction tester (EV / Downloadable)

Our EV ready, top-of-the-range tester with all the extra features of the ET6300 plus:

- Three and four wire earth resistance testing
- Memory and result reporting (via Excel)
- Includes Martindale EV test adapter

Multifunction testers



EV ready

The Martindale EV Test Lead supplied with the ET6500 (optional for ET6300) gives connection to an EVSE charging point (Type-2 connector) and allows the MFT to support all relevant measurements via the standard measurement inputs.

Test leads

All models are supplied with the TL207 mains test lead and the TL36 4mm test lead set with interchangeable probes and croc clips. The ET6300 & ET6500 are supplied with a TL180 remote start probe.

Result storage and download

The ET6500 has on board memory to store and download all installation test results for fast, reliable documentation - exporting data directly into an Excel format using the MFT Records software (available to download free from the Martindale website).

SELECTION GUIDE	ET6000	ET6300	ET6500
Insulation resistance (50,100,250,500,1000V)	✓	✓	✓
Fast non trip loop testing	✓	✓	✓
Voltage measurement & phase rotation	✓	✓	✓
High quality colour display with help screens	✓	✓	✓
Auto RCD and ramp test with all results on one screen	✓	✓	✓
CAT III 600V / CAT IV 300V safety rating	✓	✓	✓
Standard test leads	✓	✓	✓
TL180 slimline test probe supplied		✓	✓
Three / four wire earth resistance test (requires ER2KIT/S or ER4KIT/S)			✓
EV ready (adapter optional)		✓	
EV ready (adapter supplied)			✓
Memory storage and result download			✓



Charging

The ET6300 & ET6500 models are supplied with AA rechargeable batteries and a mains charging adaptor. The ET6000 can be upgraded to be rechargeable using the ETBATKIT accessory. An optional car charger is also available (PSUHPAT12).

Carry case

The soft test and go carrying bag, included with all models, protects the instrument and keeps all accessories together. The tester can be used while in the case for further protection and to save time on unpacking and putting away.

MODEL	ET6000	ET6300	ET6500
SPECIFICATION			
Voltage	0-500V		
Frequency	10-499HZ		
EV ready		✓	✓
Complies with	BS EN 61010-1 CAT III 600V CAT IV 300V BS EN 61557, BS 57671:2018 18th Edition BS EN 61326-1		
Dimensions	250mm x 107mm x 135mmw		
Weight	1.3kg approx (without battery fitted)		
INSULATION RESISTANCE			
Nominal voltages 50, 100, 250, 500 and 1,000V DC	✓	✓	✓
CONTINUITY RESISTANCE			
Low R (200mA)	✓	✓	✓
Continuity (low current)		✓	✓
RCD TESTING			
Nominal residual currents (mA)	10/30/100/300/500	6/10/30/100/500/650/1000	6/10/30/100/500/650/1000
RCD type	A, AC, G, S	A, AC, B, B+, F, G, S	A, AC, B, B+, F, G, S
Contact voltage	✓	✓	✓
Trip-out time	✓	✓	✓
Trip-out current	✓	✓	✓
FAULT LOOP IMPEDANCE AND PROSPECTIVE FAULT CURRENT			
Z loop L-PE Ipfc	✓	✓	✓
Z loop L-PE RCD, Ipfc, non trip subfunction	✓	✓	✓
Loop-Rs		✓	✓
Line impedance and prospective short-circuit current (PSC)	✓	✓	✓
Voltage drop detection		✓	✓
EARTH RESISTANCE (with optional accessories)			
Re (3-wire and 4-wire) 1Ω / 9999Ω			✓
Ro (Specific earth resistance testing)			✓
OTHER FEATURES			
Automatic polarity change		✓	✓
Calibration date reminder	✓	✓	✓
Memory and Reporting (Excel-export)			✓
Rechargeable batteries & charger for on-board charging	Optional	✓	✓
Systems	TN, TT	TT, TN, IT, LV (2 x 55V)	TT, TN, IT, LV (2 x 55V)
Supplied with external probe with button		✓	✓
Compatible with external probe with button	✓	✓	✓
Supplied with Martindale EV adaptor		Optional	✓
4mm leads - straight plugs with interchangeable probes & croc clips	✓	✓	✓

Multifunction testers



TL326-EV

EV Adaptor

- Durable Type-2 electric vehicle charger plug
- Compatible with ET6300 and supplied with ET6500
- Slider switch for CP mode selection
- Allows the performance of typical MFT measurements
- Works with 4mm plugs for L1, L2, L3, N, CP and PE



TL180

Switching probe

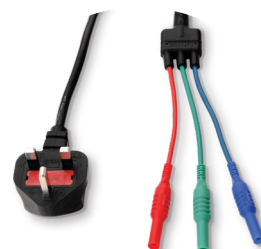
- Initiate tests remotely
- Suitable for use on all models
- Sharp GS38 compliant tip



TL36

Test lead set - Straight plugs 4mm

- Three-wire test lead set
- PVC double insulated 1.2m
- Interchangeable probes and croc-clips
- Straight shrouded 4mm banana plugs



TL207

Mains test lead

- 13A fused UK plug
- Double insulated cable
- 3 standard 4mm plugs



ER2KIT/S

Complete earth spike test kit

- Test earth resistance when an earth spike is employed to protect an installation
- Suited for 18th edition testing
- Spikes include a reduced diameter at one end to accommodate a croc clip connection



ER4KIT/S

Complete 4 wire earth spike test kit

- Four pole earth spike kit
- Contains four heavy duty earth spikes
- All leads are terminated with a 4mm banana plug



TL78

50m R2 continuity lead

- 50m continuity lead on reel
- On an easy-to-use extension reel
- Double insulated PVC lead
- Lead fitted with 4mm plugs on each end
- The double insulated PVC lead
- Croc-clip for connecting to the earth conductor



SB13

Safebreak R2 socket adaptor

- Compatible with any multifunction tester
- Standard 4mm banana sockets



ETBATKIT

Rechargeable battery set with charger

- Upgrade kit for ET6000
- Rechargeable battery set with charger
- 6 rechargeable batteries



PSUHPAT12

In car charger

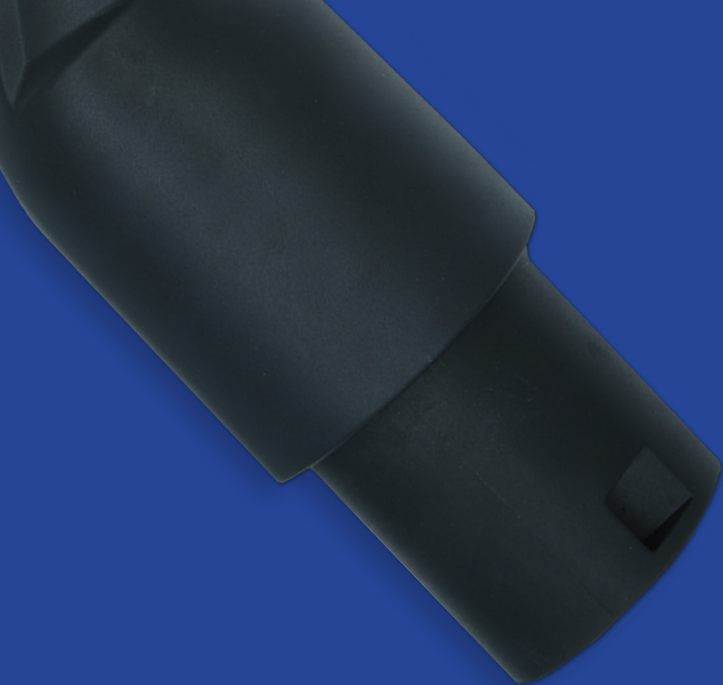
- Uses in-car power supply
- Compatible with Martindale's ET6000, ET6300 and ET6500



MFT Records

ET6500 downloading software

- For the ET6500 model only
- Downloaded stored results to Excel on your PC
- Software available from the Martindale website



For the latest specifications and
our full product range, visit:
martindale-electric.co.uk

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