

EZ2500 E-Ze Test

Non-trip earth (phase-earth) loop impedance tester with PFC & PSC



SPECIFICATIONS

Nominal Voltage Rating: 220 - 240 V

Voltage Range for Wiring Error Detection: 30 - 275 V

Open Loop indication: If Open PE or PN Loop is detected, no Impedance Measurement takes place

Voltage Range for Impedance Measurement: 198 - 264 V

Frequency: 50 Hz

Loop Impedance Ranges: 0-8.99Ω, 9.0-89.9Ω, 90-899Ω, 900-1699Ω, 1700-3000Ω

Phase Earth Loop Impedance Accuracy:

0 - 8.99Ω, ± 4% ± 0.05Ω *
 9.0 - 89.9Ω, ± 5% ± 0.5Ω *
 90 - 899Ω, ± 5% ± 5Ω *
 900 - 1699Ω ± 5% ± 30Ω*
 1700 - 3000Ω indicative

Phase Neutral Loop Impedance Accuracy:

0 - 8.99Ω, ± 4% ± 0.05Ω *
 9.0 - 89.9Ω, ± 5% ± 0.5Ω *
 90 - 899Ω, ± 5% ± 5Ω *
 900 - 1699Ω ± 5% ± 30Ω *
 1700 - 3000Ω indicative

Voltage Accuracy: ± 4 % **Frequency Accuracy:** ± 4 %

Temperature Range: -10° to 40° C at max 80 % Relative Humidity (Non-Condensing)

Power consumption: < 1.6 W

Overvoltage category: CATIII/300V **Pollution degree:** 2

Supply: mains **Dimensions:** 145 x 85 x 53mm + Cable

Weight: 240g plus cable & case

Supplied with: zip carry case, mains lead & instructions

* **Note:**- Measurement accuracy can be affected by highly inductive or capacitive components distributed on the supply.

patent pending



A revolutionary new 16th Edition tester with T-Safe™ non-trip P-E and P-N loop impedance tests, plus PFC and PSC checks.

The E-ze Test performs:

- ◆ Non-trip loop tests, P-E and P-N
- ◆ Voltage test
- ◆ Socket test
- ◆ PFC and PSC test

Test readings scroll through in sequence on the clear, back lit, 32 character display to show socket problems, or high / low voltage conditions. Then the loop impedance test results and PFC and PSC calculations are displayed.

	EZ2100	EZ2500
Non-trip earth loop test	✓	✓
Voltage test	✓	✓
Socket test	✓	✓
PSC test		✓
PFC test		✓
P-N test		✓
TL88 3-way flying lead set	Optional	✓
T-Safe™ technology	✓	✓

Due to policy of continuous development, Martindale Electric reserves the right to alter equipment specification and description outlined in this document without prior notice. No part of this document shall be deemed to be part of any contract for the equipment unless specifically referred to as an inclusion within such contract. © Martindale Electric Co. Ltd. 2001

Martindale Electric Company Ltd.

Metrohm House, Penfold Trading Estate, Imperial Way, Watford, WD24 4YY. Tel: 01923 441717 Fax: 01923 446900
 E-mail: sales@martindale-electric.co.uk Web site: http://www.martindale-electric.co.uk