



EZ2500 E-Ze Test™

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



A revolutionary 17th 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, backlit, 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.

SPECIFICATIONS

Nominal Voltage Rating: 220 V –250V AC, 50 Hz

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

High Earth indication:

3k to 70kΩ: ">3kΩ"

>70kΩ: "Open Earth"

Voltage Range for Impedance Measurement: 195 - 270 V

Frequency: 50 Hz

Non-Trip Earth Loop Impedance Ranges: 0.1-8.99Ω, 9.0-89.9Ω, 90-899Ω, 900-1699Ω, 1700-3000Ω

Phase Earth Loop Impedance Accuracy:

0.1 - 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:

0.1 - 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 **Weight:** 240g plus

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

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

Supplied with: zip carry case, mains lead & instructions

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

EZ2500	
Non-trip earth loop test	✓
Voltage test	✓
Socket test	✓
PSC test	✓
PFC test	✓
P-N test	✓
T-Safe™ technology	✓

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