



AEGIS



Multi-Function Electrical Tester

“5 instruments in 1, this tester is a must have!”

The perfect Multi-Function tester!

The CZ20500 Multi-Function electrical tester includes some of the latest advances in electrical testing, combining 5 instruments into 1 !

Insulation, Line/Loop, Phase, RCD, and Voltage testing are all included in the one instrument, making your job of installation testing easier.

The Multi-Function electrical tester is the perfect tool for certification of domestic, commercial, and industrial fixed wiring installations as required by standards.

This is a comprehensive digital multifunctional electrical safety test instrument. It features integrated analog circuits, digital circuits, and a microcomputer chip combination.

The multiple functions, high accuracy, and stable performance mean you can test with confidence, having a reliable and convenient tester with simple operation modes.



Multi-Function Tester

CZ20500 Multi-Function Electrical Tester incorporates Insulation Resistance testing, RCD testing, Line/Loop testing, Phase testing, and more into the one instrument. This Multi-Function Electrical Tester is your ideal choice for the maintenance, testing and inspection of electrical installations and electrical equipment.

01

Rugged Housing
Portable
Ergonomic

02

Standards compliant
AS 61010.1 Cat III 300V
IEC 61010.1 Cat III 300V
AS 61010.031
IEC 61010.031
RCM

03

Insulation Resistance
RCDs
Line/Loop (No Trip)
Phase (0° & 180°)
Voltage/Continuity

04

Easy to use
Direct select test function
Single Test button

5 in 1
tester



SPECIFICATIONS

1

Insulation Resistance

250V: 0.05MΩ - 250MΩ ± (5% +5 dig)
500V: 0.05MΩ - 500MΩ ± (5% +5 dig)
1000V: 0.05MΩ - 1000MΩ ± (5% +5 dig)
Short Circuit Current < 2mA

Continuity

Range: 0.00Ω - 199Ω ± (2% +5 dig)
Current: > 200mA @ 2Ω

Physical

Dimensions: 210 x 175 x 90mm

2

Line/Loop Impedance

Range: 0.01Ω - 2000Ω ± (5% +5 dig)
Op Voltage(Freq): 195- 440VAC (45-65Hz)
Test Current: 20A
PFC Range: 0kA - 26kA

Loop Impedance (non Trip)

Range: 1.00Ω - 2000Ω ± (5% +5 dig)
Op Voltage (Freq): 195-253VAC (45-65Hz)
Test Current: 20A
PFC Range: 0kA - 26kA

3

RCD

Op Voltage (Freq): 195-253VAC (45-65Hz)
Test Current:
10, 30, 100, 300, 500mA (- 0% + 10%)
Current Multipliers
x 1/2, x 1, x 5 (-10% +0% (1/2))
Trip Time Ranges:
0 - 2000ms (varies Current/Multiplier)
± (5% +5 dig)
Ramp: 10/30/100/300/500mA (± 10%)