

ANALOG INSULATION TESTER (1kV below)



CE

ST-1503

FEATURES

- High quality Taut Band movement.
- It is a light and portable combination instrument for testing insulation ($M\Omega$), continuity (Ω) and AC voltage.
- Instant operation is possible with a pushbutton. In addition, for continuous measurement of $M\Omega$ or Ω , a convenient timer is provided with automatic power off after three to five minutes to save the battery power.
- LED (red) indication works when testing insulation and continuity.
- Use a high efficiency and accurate DC-DC converter.
- Most suitable for insulation resistance measurement of electrical household appliances, power line distribution and installation.
- IEC 1010 CAT II 600V

SPECIFICATIONS

Insulation Resistance

Test Voltage (DC V)	500V/1000V
Output Voltage on Open Circuit	+10%
Measuring Ranges (Mid-scale value)	0-1000M Ω / 0-2000M Ω (20M Ω) (40M Ω)
Accuracy	$\pm 5\%$ of scale length
Short Circuit Current	1mA
Maximum Battery Current	Approx. 80mA(500V) 150mA(1000V)

Continuity

Measuring Range	0-100 Ω
Line Frequency Range	40-70Hz
Open Circuit Voltage	100mV
Short Circuit Current	50mA
Accuracy	$\pm 5\%$ of scale length

AC Voltage

AC Voltage Range	0-600V AC
Accuracy	$\pm 2.5\%$ of full scale

General

Power Source	1.5V (SUM-3) $\times 6$
Dimensions	163(L) \times 100(W) \times 50(D)mm
Weight	Approx. 440g (battery included)
Accessories	Test leads (AL-24SA) Instruction manual Heavy-duty case Batteries