



Model ST-1503

Analog (1kV below) Insulation Tester



Features

- High quality Taut Band movement.
- Measures insulation(MΩ), continuity(Ω) and AC voltage.
- Instant operation is possible with a push button, convenient timer is provided with automatic power off after three to five minutes to save the battery power.
- LED (red) indication when testing insulation and continuity.
- Use of a high efficiency and accurate DC-DC converter.
- Most suitable for insulation resistance measurement of electrical household appliances, power line distribution and installation.

Specifications

Insulation Resistance

Test voltage (DC V)	500V / 1000V
Output voltage on open circuit	Rated test voltage +10%
Measuring ranges	0-1000MΩ / 0-2000MΩ
Mid-scale value	20MΩ / (40MΩ)
Accuracy	± 5% rdg
Short circuit current	1mA
Maximum battery current	Approx 80mA (500V) / 150mA (1000V)

Continuity

Measuring range	0-100Ω
Line frequency range	40-70Hz
Open circuit voltage	100mV
Short circuit current	22.5mA
Accuracy	± 5% of scale length

AC Voltage

Range	0-600V AC
Accuracy	± 2.5% of full scale

General

Dimensions	163(L) × 100(W) × 50(D)mm
Weight (battery included)	Approx. 440g
Power source	1.5V (AA) × 6
Safety standard	EN 61010-1 CAT II 600V



AL-24-5



TOC-2751



AL-21C2-4

Accessories

- Instruction manual
- Test leads
- Carry case
- Batteries