



# Model ST-1504

## Analog (1kV below) Insulation Tester



### Features

- High quality Taut Band movement.
- Measures insulation( $M\Omega$ ), continuity( $\Omega$ ) 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)	250V / 500V / 1000V
Output voltage on open circuit	Rated test voltage +10%
Measuring ranges	0-100 $M\Omega$ / 0-200 $M\Omega$ / 0-400 $M\Omega$
Mid-scale value	(1 $M\Omega$ ) / (2 $M\Omega$ ) / (4 $M\Omega$ )
Accuracy	$\pm 5\%$ rdg
Short circuit current	2mA
Maximum battery current	Approx 60mA (250V) / 80mA (500V) / 150mA (1000V)

#### Continuity

Measuring range	0-100 $\Omega$
Line frequency range	40-70Hz
Open circuit voltage	100mV
Short circuit current	23.5mA
Accuracy	$\pm 5\%$ of scale length

#### AC Voltage

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

#### General

Dimensions	163(L) $\times$ 100(W) $\times$ 50(D)mm
Weight (battery included)	Approx. 470g
Power source	1.5V (AA) $\times$ 6
Safety standard	EN 61010-1 CAT II 600V



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### Accessories

- Instruction manual
- Test leads
- Carry case
- Batteries