

# For Telecoms Insulation Tester



**1100 IN**

## FEATURES

- High quality Taut Band movement.
- Measures insulation(MΩ) and AC voltage.
- LED indication for testing insulation.
- Highly efficiency and accurate DC-DC converter.
- Battery check function.
- Compact and lightweight.
- AC voltage measurement can be made without depressing the test button.

## SPECIFICATIONS

### Insulation Resistance

Test voltage (DC V)	100V
Output voltage on open circuit	Rated test voltage +10%
Measuring ranges	0-200MΩ
Mid-scale value	5MΩ
Accuracy	0.2-100MΩ : ± 5% rdg 0.7% of scale length at other ranges
Short circuit current	1mA DC

### AC Voltage

Range	0-500V
Accuracy	± 2.5% of full scale

### General

Operating temperature & humidity	0°C ~ 40°C relative humidity up to 85%
Storage temperature & humidity	-10°C ~ 50°C relative humidity up to 85%
Dimensions	175(L) × 85(W) × 75(D) mm
Weight (battery included)	Approx. 510g
Power source	1.5V (AA) × 4
Safety standard	EN 61010-1 CAT III 500V EN 61326-1
Accessories	Instruction manual Test leads Shoulder belt Batteries Soft pouch (Optional)



**1801 IN**

## FEATURES

- High quality Taut Band movement.
- Battery operated.
- Solid state circuitry.
- Battery check feature.
- Automatic circuit discharge.
- Three insulation test voltages.
- Color-coded scale.
- AC voltage measurement.
- Fuse protected.

## SPECIFICATIONS

### Insulation Resistance

Test voltage (DC V)	50V / 125V / 250V
Measuring ranges	0-20MΩ / 0-50MΩ / 0-100MΩ
Output voltage on open circuit	Rated test voltage +10%
Accuracy	±5% of indicated value
Short circuit terminal current	2mA DC
Power consumption	190mA

### Continuity

Measuring ranges	0-50Ω & ∞
Accuracy	± 5% of scale length
Open circuit terminal voltage	4V DC Approx.
Short circuit terminal current	145mA DC Approx.
Power consumption	200mA

### AC Voltage

Range	0-600V AC
Accuracy	± 2.5% of full scale
Line frequency range	40-1kHz

### General

Dimensions	170(L) × 165(W) × 92(D) mm
Weight (battery included)	Approx. 1000g
Power source	1.5V (AA) × 8
Safety standard	EN 61010-1 CAT III 600V EN 61326-1
Accessories	Instruction manual Test leads Shoulder belt Batteries