

# ISOtest

## Electronic Insulation Tester

## MA 2060



- MEASURING OF INSULATION RESISTANCE UP TO 500 GΩ (with 0.5, 1, 2.5 and 5 kV)
- MEASURING OF AC OR DC VOLTAGE UP TO 600 V
- ON/OFF LATCH SWITCH



ISOTEST is a portable instrument intended for analysis and measurement of:

- motors, electrical equipment and devices,
- electric traction systems of trams, trolley buses and other electric gears,
- high voltage cables,
- high voltage transformers,
- electrical instruments,
- electrical appliances

as well for the measurement of AC and DC voltage up to 600 V.

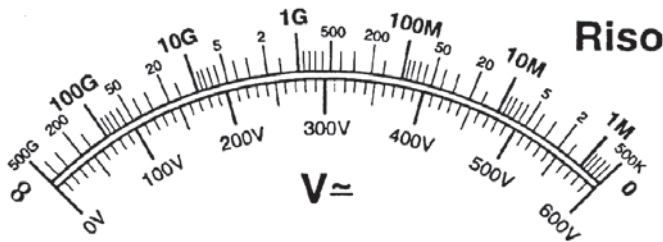

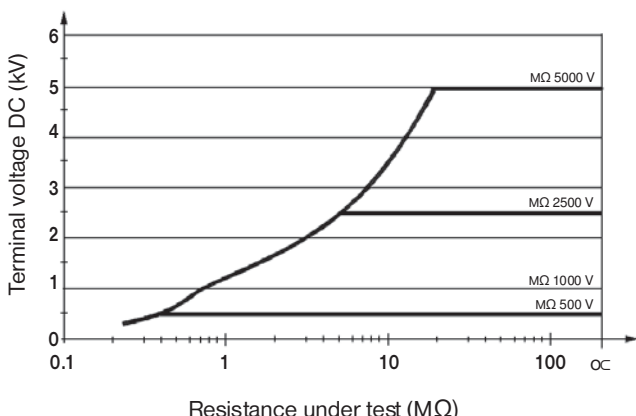
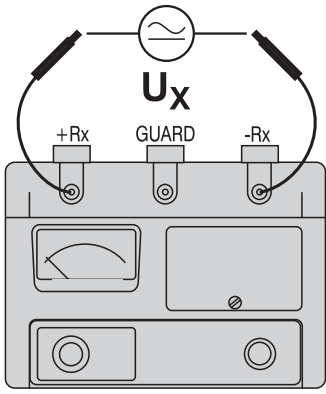
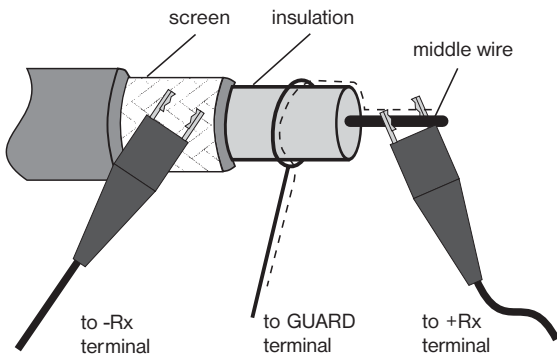
Voltage ranges are 0.5 kV, 1 kV, 2.5 kV and 5 kV.

The tester was realized taking special care of safety standards. It is battery powered (4 × 1.5 V dc IEC R 20) for autonomous operation up to 2000 ÷ 2500 measurements under normal conditions. Its casing is very practical made of expanded plastic with excellent insulating features.

### Safety measurements

The tester is incorporated into a robust portable plastic insulated casing which ensures its insensibility to mechanical strains as well as its safe operation according to IEC 1010.

## Technical Specifications

Insulation resistance	Scale of the Instrument
Measuring range: 500 kΩ ÷ 500 GΩ Measuring voltage: 500, 1000, 2500, 5000 Vdc Short circuit measuring current: approx. 1.3 mA Scale: logarithmic, l = 90 mm Accuracy: ± 2 mm START HOLD system: included Discharging of line: automatic, when START key is not pressed	
Voltage	
Measuring range: 0 ÷ 600 V ac/dc Input resistance – DC voltage: 3 MΩ Input resistance – AC voltage: 1.35 MΩ Scale: linear, l = 90 mm Accuracy: ± 2 % of full scale	Typical diagram of test voltage
	
General	Measurements of DC or AC Voltage
Power supply: batteries: 4 × 1.5 Vdc IEC R20 LOW BAT indicator: red LED Dimensions (W × H × L): 345 × 130 × 250 mm Case: robust, plastic Working temp. range: 0 ÷ 40 °C Nominal temp. range: 10 ÷ 30 °C Mass: 4.5 kg	
Measurement of Insulation Resistance	
	

## Standard Set

- Instrument MA 2060
- Measuring lead, safety banana/safety banana, black 2 m
- Measuring lead, safety banana/safety banana, red 2 m
- Measuring lead, banana/crocodile, black 2 m
- Safety crocodile, 2 pcs
- Instruction manual