EARTH RESISTANCE TESTERS

DIGITAL EARTH RESISTANCE TESTER (3 TERMINAL)
Model - KM 1520 / KM 1520A

CAT III 200V

CAT IV 400V



Earth Rods

CE Approved

- **Display :**
  3½ digit 2000 counts LCD display. (KM 1520)
  3¾ digit 4000 counts LCD Backlight display. (KM 1520A)

FUNCTIONS :

- **Measurement Range :**
  KM 1520 :
  Earth Resistance : 0-20Ω / 200Ω / 2000Ω
  Earth Voltage : 0-200V AC (40-500Hz)
  KM 1520A :
  Earth Resistance : 0-40Ω / 400Ω / 4000Ω
  Earth Voltage : 0-400V AC (40-500Hz)
- **Accuracy :**
  KM 1520 :
  Earth Resistance : ±(2%rdg + 2dgts) or ± 0.1Ω which is greater.
  Earth Voltage : ±(1%rdg + 2dgts)
  KM 1520A :
  Earth Resistance : ±(2%rdg + 3dgts)
  Earth Voltage : ±(2%rdg + 3dgts)

ADDITIONAL FUNCTIONS :

- Timer : about 3 ~ 5 minutes. (KM 1520)
- Low 2mA measuring current permits the testing of earth resistance without tripping earth leakage current breakers in the circuit.
- Measurement System : Earth resistance by constant current inverter 820Hz approx. 2mA.
- Data Hold function.
- Over Range & Open Circuit Indication.
- Battery operated.
- Low Battery Indication & Auto Power Off.

- **Power supply :** 1.5V x 6 AA Batteries.
- **Weight :** Approx. 440 gm
- **Dimension :** Approx. 163(L) x 100(W) x 50(H) mm
- **Accessories :** Test leads(AL-36:red-15m, yellow-10m, green-5m), Auxillary earth bars (2 nos.) (160mm length), Heavy-duty case, User Manual, Batteries.

DIGITAL EARTH GROUND RESISTANCE TESTER
Model - KM 1521

NEW

CAT III 1000V



CE Approved EN61010-1

Electronic Digital Earth Resistance Tester is direct replacement of the conventional hand generator type tester. It is designed for measurement of the resistance of earthing used in the electrical equipment as well as for measurement of ground resistivity. It can be used for measurements of the other low regular and liquid resistances. It can also be used for measurement of voltage AC, voltage DC and resistance. This instrument has wide application for testing earthing installation in power based industries, telecommunication networks and electrical traction systems etc.

- **Display :**
  Large Dual display with Backlight.

FUNCTIONS :

- **Measurement Range :**
  Earth Resistance : 10Ω / 100Ω / 1000Ω
  Earth Voltage : 750V AC / 1000V DC
- **Accuracy :**
  Earth Resistance : ±(2%rdg + 3dgts) or ± 0.1Ω
  Earth Voltage : ±(1.2%rdg + 10dgts) / ±(0.8%rdg + 3dgts)
- **Resistance :** 200kΩ
- **Test Frequency :** 820Hz
- **Current :** 2mA
- **Sampling Rate :** 2.5 times per second

SAFETY :

- EN 61010-1 CAT III 1000V
- EMC & LVD : EN : 61326; EN : 61010-1; EN : 61010-02-032; EN : 61010-02-033

ADDITIONAL FUNCTIONS :

- Test hold function for easy operation
- Zero Automatic adjustment
- Low Battery Indication
- Continuity Test

- **Power supply :** 1.5V x 6 AA Batteries.
- **Weight :** Approx. 582 gm
- **Dimension :** Approx. 200(H) x 92(W) x 50(D) mm
- **Accessories :** Test leads, Auxillary earth bars (2 nos.), User Manual, Batteries, Rubber Holster, 4 wire cable & Carrying case.

ANALOGUE EARTH RESISTANCE TESTER
MODEL - KM 1105ER



CE Approved

FUNCTIONS :

- **Measurement Range :**
  Earth Resistance : 0-12Ω / 0-120Ω / 0-1200Ω
  Earth Voltage : 0-30V AC (40-500Hz)
- **Accuracy :**
  Earth Resistance : ±3% of full scale
  Earth Voltage : ±2.5% of full scale
- **Measuring System :** Earth resistance by constant current inverter 820Hz, 2mA approx.
- **Open Circuit Indication :** LED will be unlit

SAFETY :

- EN 61010-1 CAT IV 30V
  EN 61326-1

ADDITIONAL FUNCTIONS :

- Capable of measuring earth resistance and earth voltage.
- 2mA measuring current permits the testing of earth resistance without tripping earth leakage current breakers in the circuit under test.
- In addition of facilitating for precision measurement, test lead for simplified two-wire measuring system also are supplied as standard accessories.
- Battery life indicator.
- Calibration performed with supplied test leads.

- **Power supply :** 1.5V x 8 AA Batteries.
- **Weight :** Approx. 600gm (Battery Included)
- **Dimension :** Approx. 175(L) x 85(W) x 75(D) mm
- **Accessories :** Instruction Manual, Test Lead (red-15m, yellow-10m, green-5m), Auxiliary earth spikes, Simplified measurement probe, Shoulder belt, Batteries