KUSAM-MECO®
An ISO 9001:2015 Company

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

THINK SAFETY
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"KUSAM-MECO" Digital Earth Resistance Tester is a very versatile & handy instrument for checking Earth Resistance. It consists of the indicator & set of 3 spikes (stake) and connecting wires. Earth Resistance is measured by putting the spikes in the earth at distance of 5-10m (as shown below) & switching ON the instrument indicates the Earth Resistance directly in ohms.

CAT IV 400V



FEATURES :

- **Earth Resistance Measuring range :** 0-40Ω / 400Ω / 4000Ω
- **Measure Earth Voltage (VAC) :** 0-400V
- **Low 2mA measuring current permits earth resistance to test without tripping earth leakage current circuit breakers in the circuit.**
- **Capable of measuring earth voltage(Vac).**
- **Auto power off function. The timer operates automatically about three to five minutes after the"PUSH BUTTON SWITCH" and "Timer ON BUTTON" are pressed together This will keep the test "ON" for about three to five Minutes. Then auto power off.**
- **Battery operated.**
- **Operating Temperature & Humidity :** 0 ~ 40°C; 80% RH Max.
- **Storage Temperature & Humidity :** -10°C ~ 60°C; 80% RH Max.
- **Data Hold function.**
- **Small and light weight**
- **EN61010-1 CAT IV 400V.**
- **Display Back-light**
- **External probe**
- **CE-Mark approval**

GENERAL SPECIFICATIONS :

- **Measurement Ranges :** Earth Resistance : 0-40Ω / 0-400Ω / 0-4000Ω
  Earth Voltage : 0-400V AC (40-500Hz)
- **Accuracy :** Earth Resistance : ±(2%rdg + 3dgts)
  Earth Voltage : ±(2%rdg + 3dgts)
- **Earth Resistance Resolution :** 0-40Ω (0.01Ω); 0-400Ω (0.1Ω); 0-4000Ω (1Ω)
- **Display :** 3¾ Digit 4000 counts LCD Back-light display.
- **Measurement System :** Earth resistance by constant current inverter 820Hz approx. 2mA
- **Low Battery Indication :** "B" symbol appears on the display
- **Data Hold Indication :** "DH" symbol appears on the display
- **Over Range Indication :** "1" (MSD)
- **Open Circuit Indication :** LED will be unlit
- **Power Supply :** 1.5 V X 6.Type AA batteries.
- **Dimensions :** 163(L) X 102(W) X 50(D)mm
- **Weight :** 480g approx.(battery included)

ACCESSORIES :

Test leads(AL-36:red-15m, yellow-10m, green-5m), Auxillary earth bars (2 nos.) Heavy-duty case, Instruction manual, Batteries.

All Specifications are subject to change without prior notice

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