KUSAM-MECO®
An ISO 9001:2015 Company

DIGITAL EARTH RESISTANCE TESTER (3 TERMINAL METHOD) MODEL- KM 1520

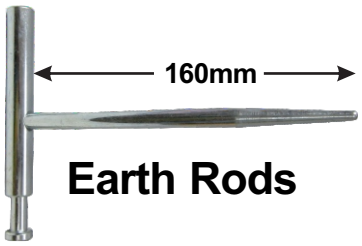
THINK SAFETY
THINK KUSAM-MECO®

"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.



FEATURES :

- **Earth Resistance Measuring range :** 0-20Ω / 200Ω / 2000Ω
- **Measure Earth Voltage (VAC) :** 0-200VAC
- **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**
- **IEC 1010 CAT III 200V.**
- **Display Back-light**
- **External probe**
- **CE-Mark approval**



Earth Rods

GENERAL SPECIFICATIONS :

✶ **Measurement Ranges :**
Earth Resistance : 0-20Ω / 0-200Ω / 0-2000Ω
Earth Voltage : 0-200V AC (40-500Hz)

✶ **Accuracy :**
Earth Resistance : ±(2%rdg + 2dgts) or ± 0.1Ω which is greater.
Earth Voltage : ±(1%rdg + 2dgts)

✶ **Earth Resistance Resolution :**
0-20Ω (0.01Ω); 0-200Ω (0.1Ω); 0-2000Ω (1Ω)

✶ **Display LCD :** 3½ Digit 2000 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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