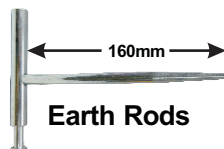


**DIGITAL EARTH RESISTANCE TESTER
(3 TERMINAL METHOD)****Model KM 1520 / KM 1520A****Model KM 1520****Model KM 1520A****Earth Rods**

“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 :
KM 1520 : 0-20Ω / 200Ω / 2000Ω
KM 1520A : 0-40Ω / 400Ω / 4000Ω
- Measure Earth Voltage (VAC) : 0-200VAC (KM 1520); 0-400V (KM 1520A)
- 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 (KM 1520) & EN61010-1 CAT IV 400V (KM 1520A).
- Display Back-light
- External probe
- CE-Mark approval

GENERAL SPECIFICATIONS :

- * **Measurement Ranges :**
Model KM 1520 : Earth Resistance : 0-20Ω / 0-200Ω / 0-2000Ω
Earth Voltage : 0-200V AC (40-500Hz)
Model KM 1520A : Earth Resistance : 0-40Ω / 0-400Ω / 0-4000Ω
Earth Voltage : 0-400V AC (40-500Hz)
- * **Accuracy :**
Model KM 1520 : Earth Resistance : $\pm(2\%rdg + 2dgts)$ or $\pm 0.1\Omega$ which is greater.
Earth Voltage : $\pm(1\%rdg + 2dgts)$
Model KM 1520A : Earth Resistance : $\pm(2\%rdg + 3dgts)$
Earth Voltage : $\pm(2\%rdg + 3dgts)$
- * **Earth Resistance Resolution :**
Model KM 1520 : 0-20Ω (0.01Ω); 0-200Ω (0.1Ω); 0-2000Ω (1Ω)
Model KM 1520A : 0-40Ω (0.01Ω); 0-400Ω (0.1Ω); 0-4000Ω (1Ω)
- * **Display LCD :** Model KM 1520 : 3½ Digit 2000 counts LCD Back-light display.
Model KM 1520A : 3½ 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