



Soil

Digital Earth Resistance and Soil Resistivity Tester, KM-4235ER

4 Wire Digital Earth Resistance and Soil Resistivity Tester

FEATURES :

- Auto-ranging microprocessor controlled.
- Earth Resistivity (ρ) test.
- Earth testing range 20 Ω , 200 Ω , 2000 Ω .
- Earth voltage measuring : 0-300V AC.
- Automatic C spike check.
- Automatic P spike check.
- 2-wire test, 3-wire test, 4-wire test.
- 2 Lines x 16 characters large LCD.(LCM Display)
- Auto Power Off.
- Data Hold.
- Memory save feature (upto 200 measurements).
- Interval between auxiliary earth spikes is 1.0~50.0m.

GENERAL SPECIFICATIONS :

Measuring Ranges : Earth Resistance : 0-20 Ω , 0-200 Ω , 0-2000 Ω

Earth Voltage : 0-300.0V AC

Measuring Ranges :

Earth Resistivity : 0.06~6.28k Ω .m, 0.62~62.8k Ω .m, 6.28~628k Ω .m, ($\rho=2 \times \pi \times L \times R$)

Earth Resistance Resolution : 0-20 Ω : 0.01 Ω , 0-200 Ω : 0.1 Ω , 0-2000 Ω : 1 Ω

Accuracy : Earth Resistance : $\pm (2\% \text{rdg} \pm 3 \text{dgt})$

Earth Voltage : $\pm (2\% \text{rdg} \pm 3 \text{dgt})$

Temperature & Humidity : Operating : 0°C ~ 50°C—80% R.H.

Storage : -10°C ~ 60°C—80% R.H.

Power Supply : 1.5V (AA) X 8

Dimensions : 250 (L) x 190 (W) x 110 (D)mm

Weight : Approx. 1430g (battery included)



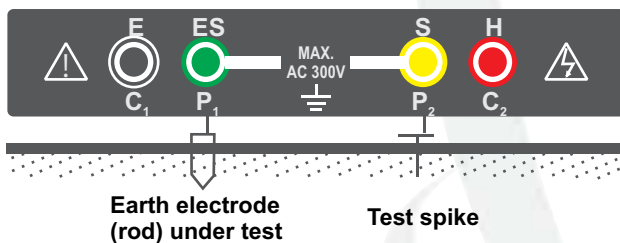
ACCESSORIES :

Test leads (red-15m, black-10m, yellow-10m, green-5m), 4 Auxiliary earth spikes, User Manual, Carrying case, Shoulder belt, Batteries & Fuse (0.1A 250V)

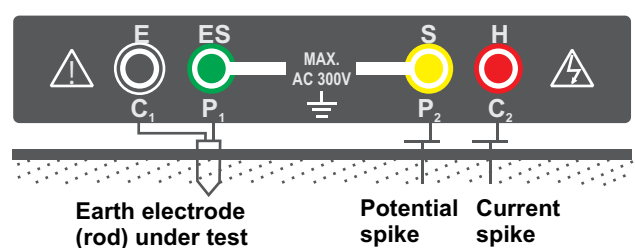
SAFETY :

EMC : EN 61326-1 CAT IV 300V ; IEC 61557-1 IEC 61557-5 EN 61326-1

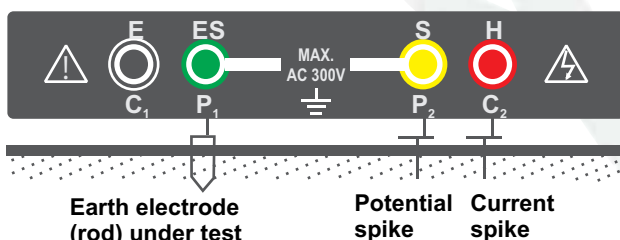
EARTH VOLTAGE MEASUREMENT



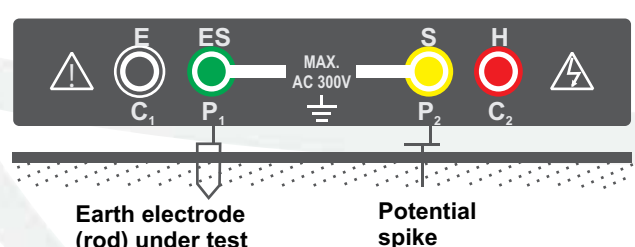
FOUR-TERMINAL EARTH RESISTANCE MEASUREMENT



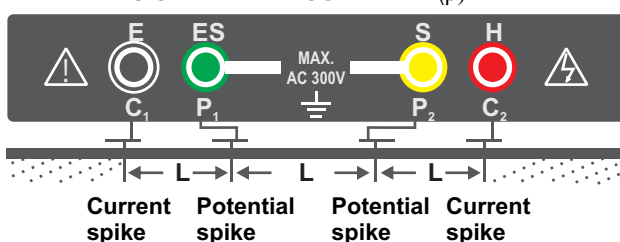
THREE-TERMINAL EARTH RESISTANCE MEASUREMENT



TWO-TERMINAL EARTH RESISTANCE MEASUREMENT



EARTH RESISTIVITY MEASUREMENT(ρ)



Note : Due to constant R&D, specifications are subject to change without