DIGITAL INSULATION RESISTANCE TESTERS

5KV (1TΩ) DIGITAL INSULATION RESISTANCE TESTER WITH PI MEASUREMENT
Model - KM 2805MK-1

CAT III 600V

Short Circuit Current ≤ 3.5mA

Autoranging & PC Interface



CE Approved

✶ **Display :** Digital 9999 Counts large LCD Display with Analog Bar Graph.

✶ **FUNCTIONS :**

- **INSULATION RESISTANCE MEASUREMENT :**
- **Output Voltage (DC) :** 500V / 1000V / 2500V / 5000V
- **Display Range :** 1MΩ ~ 50GΩ / 2MΩ ~ 40GΩ / 5MΩ ~ 100GΩ / 10MΩ ~ 1000GΩ
- **Open Circuit Voltage (DC) : 500V :** 0 ~+20% **1000V:** 0 ~+20%; **2500V:** 0 ~+20%; **5000V:** 0 ~+20%
- **Short Circuit Current :** ≤ 3.5mA
- **VOLTAGE MEASUREMENT :**
- **DC Voltage :** 30V ~ 600V
- **AC Voltage :** 30V ~ 600V (50 / 60Hz)
- **Insulation Resistance Measurement Accuracy :**

0.00 MΩ ~ 99.9MΩ : 3% ± 5 dgt.,
100MΩ ~ 9.99GΩ : ± 5%+5 dgt.
10GΩ ~ 99.9GΩ : ±10%+5 dgt.
Above 100 GΩ : ±20%+5dgt.

✶ **ADDITIONAL FUNCTIONS :**

- Bright blue backlight for clear readings even in poorly lighted areas.
- Data Logging & recall 18 points.
- Auto release voltage & Overload Protection.
- Current Consumption Approx 1A Maximum & Average.
- Computer connection via USB interface.
- Timer function & Compare function.
- Low battery indication & Auto Power Off.

✶ **Power supply :** 1.5V (LR 14) x 8 Alkaline batteries or power adaptor (input Voltage AC 230V, 50/60Hz, 230V, 150mA, output DC15V, 1.0A) (optionally available at extra cost).

✶ **Weight :** Approx. 2Kg. (Battery Included)

✶ **Dimension :** Approx. 202(H) x 155(W) x 94(L) mm

✶ **Accessories :** 2pcs of plug Test Lead to one alligator clip (Black & Green), 1pc. of Two plugs Test Lead to alligator clip (Red), Batteries, User's manual, Tool Box, USB interface cable, Software, Power Adaptor.

✶ **Optional Accessories :** 10 meters Test Lead.

HIGH VOLTAGE 5 KV / 10KV INSULATION RESISTANCE TESTER
Model - KM 2803IN / KM 2804IN

CAT III 300V

IEC 1010-1



CE Approved

✶ **Microprocessor Controlled.**

✶ **Display :** 2 Lines x 16 characters large LCD display.

✶ **FUNCTIONS :**

- **Test Voltage (DCV) :**

KM 2803IN : 0.5KV / 1KV / 2.5KV / 5KV

KM 2804IN : 1KV / 2.5KV / 5KV / 10KV

- **Measuring Ranges (Auto-Range) :**

KM 2803IN : 0-25GΩ / 0-50GΩ / 0-125GΩ / 0-250GΩ

KM 2804IN : 0-50GΩ / 0-125GΩ / 0-250GΩ / 0-500GΩ

- **Accuracy : KM 2803IN :** 0-50GΩ : ± 3% of reading
  50-250GΩ : ± 5% of reading
  KM 2804IN : 0-50GΩ : ± 3% of reading
  50-500GΩ : ± 5% of reading

✶ **ADDITIONAL FUNCTIONS :**

- Microprocessor controlled with advanced safety features.
- Bar-graph indicates test voltage-rise & decay can be observed during tests.
- Display and sound warning if external voltage is present.
- Low Battery Indication.
- Auto-ranging.
- Battery life is extended by "Enersave™" feature.
- Built-in carrying case. Test leads in separate pouch.
- Large LCD Show test time duration (up to 99.9s) for Easy Comparison.
- Auto Discharge function & Auto Power Off.

✶ **Power supply :** 1.5V (AA) x 8 Alkaline batteries.

✶ **Weight :** Approx. 930gm

✶ **Dimension :** Approx.170(H) x 120(W) x 95(D) mm

✶ **Accessories :** Test leads-AL-50 (3 meter), AL-30 (1.25 meter), AL-30C (1.25 meter), Shoulder belt, User Manual & Batteries.