DIGITAL INSULATION RESISTANCE TESTERS

15KV HIGH VOLTAGE INSULATION TESTER
Model - KM 7016IN



CE Approved

- ✶ **Microprocessor Controlled menu driven.**
- ✶ **Display :** 2 Lines X 16 Characters large LCD Backlight display.

✶ **FUNCTIONS :**

- **Output Voltage Adjustment (500V Step) :** from 500 V to 15 KV DC. (30 ranges)
- **Maximum Insulation Resistance (15KV) 30TΩ (30000GΩ).**
- **Basic Accuracy :** ± 5% rdg ± 5 dgt.
- **Live warning Voltage :** ≥30 V AC or ≥30 V DC.
- **Overload Protection.**
- **AC / DC Voltage measurement :** 600 V.
- **Current Measurement:** 0.5 nA ~ 0.55 mA
- **Short Circuit Current** : upto 5 mA

✶ **SAFETY :** EN61010-1 CAT IV 600V
EN61010-2-030; EN61326-1

✶ **ADDITIONAL FUNCTIONS :**

- PI & DAR indication.
- Auto-ranging on all insulation ranges.
- Optical USB to RS-232 data transmission.
- Auto-hold function to freeze the reading.
- Adjustment for testing time (duration) :1 ~ 30 minutes
- Automatic Discharge of Circuits.
- Date / time adjustment function (RTC Adjustment)
- 200 measurement results can be saved in the memory & recalled on the display.
- Use it to test insulation resistance, on ceramic insulators, between Bus Bars, high power transformer, HT Motors
- Low Battery Indication & Auto power off.

✶ **Power supply :** Rechargable Battery.
✶ **Weight:** Approx. 6.5 Kg.
✶ **Dimension :** Approx. 430(L) x 324(W) x 127(H) mm.
✶ **Accessories :** Instruction manual, Test leads (AL-58, AL-30AG,AL-30HB), Data transmission cable, Compact disk (CD) for PC interface, Alligator clip (AL-23CA), Charger (CHA-7015).

15KV HIGH VOLTAGE INSULATION TESTER
Model - KM 7015IN



CE Approved

- ✶ **Microprocessor Controlled.**
- ✶ **Display :** 2 Lines x 16 characters Digital liquid crystal large size backlight display.

✶ **FUNCTIONS :**

- **Output Voltage Adjustment (500V Step) :** from 500V to 15KV DC. (30 ranges)
- **Maximum Insulation Resistance (15KV) :** 6TΩ.
- **Basic Accuracy :** ± 5% rdg ± 5 dgt.
- **Dielectric Absorption Ratio & Polarization Index.**
- **Live warning Voltage :** ≥30 V AC / DC.
- **AC / DC Voltage measurement :** 600V.
- **Short Circuit Current** : upto 5 mA

✶ **ADDITIONAL FUNCTIONS :**

- Realtime Clock with Day / Date
- Automatically Stops the Test.
- Guard Connection to reduce errors.
- Automatic Discharge of Circuits.
- Data recording facility : 200 measurements.
- Optional USB to RS232 data transmission.
- Measuring insulation of open contacts of circuit breaker.
- Use it to test insulation resistance, on ceramic insulators, between Bus Bars, high power transformer, HT Motors.
- Low Battery Indication & Auto power off.

✶ **Power supply :** Rechargable Battery.
✶ **Weight:** Approx. 6.56 Kg. (including Battery)
✶ **Dimension :** Approx. 430(L) x 324(W) x 127(H) mm.
✶ **Accessories :** Anti-leakage, Color coded, Flexible silicone coaxial test lead with integrated guard, into the test probe, 3 Test Leads (AL-50 Red Test Leads (3 meter) as standard, Blue Test lead (1.25 meter) & Green Test lead (1.25 meter), User Manual, PC Interface Kit, Charger, Alligator Clip.

HIGH VOLTAGE 5KV INSULATION RESISTANCE TESTER WITH POLARIZATION INDEX AND DIELECTRIC ABSORPTION RATIO
Model - KM 6305IN / KM 6305AIN



CE Approved

- ✶ **Microprocessor Controlled.**
- ✶ **Display :** 2 Lines x 16 characters Digital liquid crystal large size display.

✶ **FUNCTIONS :**

- **DC / AC Voltage :** 30 ~ 600V.
- **Test Voltage :** 500V / 1000V / 2500V / 5000V.
- **Insulation Resistance :** 1TΩ / 2TΩ / 5TΩ / 10TΩ.
- **Accuracy :** ±(5.0%rdg ± 5dgts) / ±12%rdg.
- **Dielectric Absorption Ratio & Polarization Index.**
- **Over load between all terminals :** 300 V.
- **Adjustable testing duration :** 1 ~ 30 minutes.
- **Current Measurement :** 0.5nA ~ 0.55mA (depending on the insulation resistance).
- **Short Circuit Current :** Up to 5mA.

✶ **ADDITIONAL FUNCTIONS :**

- AC / DC Voltmeter.
- Auto-ranging on all insulation ranges.
- Optical USB to RS-232 data transmission.
- Well isolated from contact.
- Well protected from surges.
- 2 built-in optical LED for data transfer.
- Visual and audio warning of external voltage presence (≥30VAC or ≥30VDC).
- Auto hold function to freeze reading.
- Overload protection.
- Internal memory for data storage.
- Displays testing duration for insulation measurement.
- 200 measurement results can be saved in memory and recalled on display.
- Auto-OFF Function.

✶ **Power supply :** Rechargable Battery (KM 6305IN). Without Rechargable Battery(KM 6305A IN).
✶ **Weight :** Approx. 3760gm. (KM 6305IN); Approx. 4268gm.(Battery Included) (KM 6305A IN)
✶ **Dimension :** Approx.330(L) x 260(W) x 160(H) mm
✶ **Accessories :** User Manual, Test leads, Data transmission cable CA-232, Charger, Alligator clip, PC interface CD.