DIGITAL INSULATION RESISTANCE TESTERS

DIGITAL MULTIFUNCTION INSULATION RESISTANCE & CONTINUITY- VOLTAGE TESTER WITH MOV & GAS ARRESTER TESTING
Model - KM 1154TMF

Low Voltage 50V Range for Telecom application



CAT III 600V

CE Approved

- ✶ **Microprocessor Controlled.**
- ✶ **Display :** 2 x 16 characters large LCD Display.

✶ **FUNCTIONS :**

- **INSULATION TEST :**
  - **Test Voltage :** 50V/100V/125V/250V/500V/1000V
  - **Insulation Resistance:** 0.1MΩ ~ 10GΩ.
- **VOLTMETER (Autoranging) :**
  - **AC Voltage :** 0 ~ 700V.
  - **DC Voltage :** 0 ~ 950V.
  - **Accuracy & Resolution :** ±1.5% of F.S.; ±1V.
- **GAS ARRESTER & MOV TEST :**
  - **Test Voltage :** 5 - 1020V DC
  - **Accuracy :** ±3% rdg. ± 2 counts
- **CONTINUITY SHORT CIRCUIT CURRENT>220mA :**
  - **Range :** 0.01 ~ 1999Ω

✶ **ADDITIONAL FUNCTIONS :**

- Auto-Discharge on all Test and all ranges.
- Preselectable Measurement Time
- Hold function.
- Buzzer feature.
- Continuity Open Circuit Voltage of 5V DC.
- Smart Hold & stop on Voltmeter AC /DC.
- Lead Resistance Null facility. Auto-Null upto 5Ω.
- Nominal Current @ 1mA on all Insulation Ranges
- Low battery indication & Auto Power Off.

✶ **Power supply :** 1.5 V AA x 8 Alkaline battery.

✶ **Weight :** Approx. 655gm

✶ **Dimension :** Approx. 250(L) x190(W) x 110(H) mm.

✶ **Accessories :** Test Leads, Shoulder belt, User's Manual, Batteries.

DIGITAL MULTIFUNCTION INSULATION RESISTANCE & CONTINUITY- VOLTAGE TESTER WITH MOV & GAS ARRESTER TESTING
Model - KM 1152MF

CAT III 600V



IEC/EN61010-1



Metal Oxide Varistor



Gas Arrester

CE Approved

- ✶ **Microprocessor Controlled.**
- ✶ **Display :** 2 lines x 16 characters LCD Display.

✶ **FUNCTIONS :**

- **INSULATION TEST :**
- **Test Voltage (DCV) :** 250V / 500V / 1000V
- **Output Voltage @ 1mA :** Rated test voltage + 10%max.
- **Measuring ranges:** 2KΩ ~ 8GΩ
- **Short Circuit Current :** ± 1mA Max
- **VOLTMETER :**
- **AC Voltage (Auto) :** 0 ~ 700V
- **DC Voltage (Auto) :** 0 ~ 950V
- **Accuracy & Resolution :** ±1.5% of F.S.; ±1V.
- **GAS ARRESTER TEST :**
  - **Test Voltage :** 5 - 1020V DC
  - **Accuracy :** ±3% rdg. ± 2 counts
- **Continuity Test :** 0.01Ω to 1999Ω.

✶ **ADDITIONAL FUNCTIONS :**

- Automatic Voltmeter AC / DC at Start / Reset .
- Polarization Index (PI) on 250, 500 and 1000V.
- Dielectric Absorption Ratio (DAR)on 250, 500 and 1000V.
- Battery / Gas Arrester / MOV Test.
- Auto-Discharge on all Test and all ranges.
- Continuity Open Circuit Voltage of 5V DC.
- Continuity short Circuit current >220mA (225mA typical).
- Leads Auto-Null key & Test Auto-Stop.
- Smart Hold & stop on Voltmeter AC /DC.
- Low battery indication & Auto Power Off.

✶ **Power supply :** 1.5 x 8 AA Alkaline battery.

✶ **Weight :** Approx. 655gm

✶ **Dimension :** Approx. 175(L) x 85(W) x 75(H) mm

✶ **Accessories :** Test Leads (TEL-AL11-A), Shoulder belt, Instruction Manual, Batteries.

DIGITAL INSULATION RESISTANCE TESTER WITH MULTIMETER FUNCTIONS
Model - KM 379



- ✶ **Display :** 3¾ digit 4000 counts liquid crystal backlight display.
- ✶ **DCV Basic Accuracy :** ± 0.5% ± 5 dgt.

✶ **FUNCTIONS :**

- **DIGITAL MULTIMETER FUNCTION :**
  - AC / DC Current : 10mA ~ 400 mA.
  - AC Voltage : 1mV ~ 700 V.
  - DC Voltage : 100 µV ~ 1000 V.
  - Capacitance : 10 pF ~ 40 µF.
  - Resistance : 0.1Ω ~ 40 MΩ.
  - Frequency : 0.01 Hz ~ 4 MHz.
- **INSULATION RESISTANCE TESTER :**
- **Rated Voltage :** 250V / 500V / 1000V.
- **Insulation Resistance Measurement Range :** 0.25MΩ ~ 400MΩ/0.5MΩ ~ 4GΩ/1.5MΩ ~ 40GΩ
- **Display Range : Rated Voltage**
  250V - 4MΩ / 40MΩ / 400MΩ;
  500V - 4MΩ / 40MΩ / 400MΩ / 4GΩ;
  1000V - 40MΩ / 400M / 4G / 40GΩ;
- **Minimum Resistance Range :** 0.25MΩ.

✶ **ADDITIONAL FUNCTIONS :**

- Digital MΩ Hitester & Digital multimeter.
- Overload Protection.
- The meter can display actual insulation test voltage.
- LED light is used to indicate high voltage output status
- Low Battery Indication & Auto Power Off.
- Diode Test & Continuity Test

✶ **Power supply :** 1.5V AA x 6 Alkaline Battery .

✶ **Weight :** Approx. 650gm

✶ **Dimension :** Approx. 170(L) x 156(W) x 64(H) mm

✶ **Accessories :** Test leads, User's Manual, Carrying case & Batteries.