DIGITAL INSULATION RESISTANCE TESTERS

TRUE RMS DIGITAL INSULATION MULTIMETER
Model - KM 878

"ETL" LISTED

IP40



CAT III 1000V
CAT IV 600V

8KV Transient Protection

- ✳ **Sensing :** AC True RMS Sensing
- ✳ **DC Voltage Basic Accuracy :** 0.2%
- ✳ **Display :** 3-5/6 Digit 6000 Counts Dual Digital LCD Display with Backlight.
- ✳ **FUNCTIONS :**
  - **DC / AC Voltage :** 1mV ~ 1000V
  - **VFD AC Voltage :** 100mV ~ 600V @ 440Hz
  - **AC / DC mV :** 10µV ~ 600mV
  - **AC / DC mA :** 10µA ~ 600mA
  - **Insulation Resistance :** 50 / 100 / 250 / 500 / 1000V
    50V : 3.000MΩ, 30.00MΩ, 55.0MΩ
    100V : 3.000MΩ, 30.00MΩ, 110.0MΩ
    250V : 3.000MΩ, 30.00MΩ, 275.0MΩ
    500V : 3.000MΩ, 30.00MΩ, 300.0MΩ, 550.0MΩ
    1000V : 3.000, 30.00, 300.0, 3000MΩ, 25.0GΩ
  - **Resistance :** 100mΩ ~ 60MΩ
  - **Capacitance :** 1nF ~ 30mF
  - **Earth Continuity Test :** 2.000 Ω ~ 20.00 Ω
  - **Hz Line Level Frequency :** 10Hz ~ 100KHz
  - **Temperature :** -50°C ~ 537°C
- ✳ **SAFETY :**
  - Double insulation per IEC/UL/EN61010-1 Ed. 3.0, CAT III 1000V AC & DC and CAT IV 600V AC & DC.
  - **E.M.C. :** Meets EN61326-1:2006 (EN55022, EN61000-3-2, EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11)
- ✳ **ADDITIONAL FUNCTIONS :**
  - VFD V & Hz readings.
  - 61 Segments Analog Bar Graph
  - Record MAX / MIN readings.
  - Display Hold Function.
  - Auto or Manual ranging mode.
  - LOCK-Test mode for Insulation Resistance & Earth Continuity Test.
  - BeepJack™ audible & visible input warning.
  - Remote Probe for insulation Resistance & Earth Continuity Test.
  - Diode Test & Continuity Test.
  - Rugged fire retarded casing.
- ✳ **Power supply :** 4 x AA Alkaline batteries.
- ✳ **Weight :** Approx. 635gm. with Holster.
- ✳ **Dimension :** Approx. 208(L)x103(W)x64.5(H)mm with Holster.
- ✳ **Accessories :** Test probe pair, BRP21S2-C Remote probe, Alligator clip pair, Holster, User manual, Bkp60 banana plug type-K thermocouple(250°C) & Carrying Case.
- ✳ **Optional Accessories :** BKB32 banana plug to type-K socket plug adaptor & Magnetic hanger.

TRUE RMS DIGITAL INSULATION MULTIMETER
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CAT III 1000V
CAT IV 600V

8KV Transient Protection

- ✳ **Sensing :** AC True RMS
- ✳ **DC Voltage Basic Accuracy :** 0.2%
- ✳ **Display :** 3-5/6 Digit 6000 Counts Dual Digital LCD Display with Backlight.
- ✳ **FUNCTIONS :**
  - **DC / AC Voltage :** 0.01mV ~ 1000V
  - **VFD AC Voltage :** 100mV ~ 600.0V @440Hz
  - **AC / DC Current :** 0.1µA ~ 10.00A
  - **Insulation Resistance :** 50 / 100 / 250 / 500 / 1000V
    50V : 3.000MΩ, 30.00MΩ, 55.0MΩ
    100V : 3.000MΩ, 30.00MΩ, 110.0MΩ
    250V : 3.000MΩ, 30.00MΩ, 275.0MΩ
    500V : 3.000MΩ, 30.00MΩ, 300.0MΩ, 550.0MΩ
    1000V : 3.000, 30.00, 300.0, 3000MΩ, 25.0GΩ
  - **Resistance :** 0.01Ω ~ 60.00MΩ
  - **Hz Line Level Frequency :** 10Hz ~ 100KHz
  - **Temperature :** -40.0°C ~ 537.0°C
  - **Capacitance :** 0.001 µF ~ 20 mF
- ✳ **SAFETY :**
  - Double insulation per IEC/UL/EN61010-1 Ed. 3.0, CAT III 1000V AC & DC and CAT IV 600V AC & DC.
  - **Compliance to IEC/EN61557; 2007 (per CE requirements) :** IEC/EN61557-1 Ed.2.0, IEC/EN61557-2 Ed.2.0 & IEC/EN61557-10 Ed.2.0
  - **E.M.C. :** Meets EN61326-1:2013
- ✳ **ADDITIONAL FUNCTIONS :**
  - VFD V & Hz readings.
  - 61 Segments Analog Bar Graph
  - Record MAX / MIN readings.
  - Display Hold Function.
  - LOCK-Test mode for Insulation Resistance
  - BeepJack™ audible & visible input warning.
  - Relative zero mode.
  - Diode Test & Continuity Test.
  - Rugged fire retarded casing.
- ✳ **Power supply :** 4 x AA Alkaline batteries.
- ✳ **Weight :** Approx. 635gm. with Holster.
- ✳ **Dimension :** Approx. 208(L)x103(W)x64.5(H)mm with Holster.
- ✳ **Accessories :** Test probe pair, BRP21S2-C Remote probe, Alligator clip pair, Holster, User manual & Bkp60 banana plug type-K thermocouple(250°C) & Carrying case.
- ✳ **Optional Accessories :** BKB32 banana plug to type-K socket plug adaptor, Magnetic hanger.

TRUE RMS DIGITAL INSULATION MULTIMETER
Model - KM 877

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- ✳ **Display :** 3-5/6 Digit 6000 Counts Dual Digital LCD Display with Backlight.
- ✳ **FUNCTIONS :**
  - **DC / AC Voltage :** 1mV ~ 1000V
  - **VFD AC Voltage :** 100mV ~ 600V @ 440Hz
  - **Insulation Resistance :** 50 / 100 / 250 / 500 / 1000V
    50V : 3.000MΩ, 30.00MΩ, 55.0MΩ
    100V : 3.000MΩ, 30.00MΩ, 110.0MΩ
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    1000V : 3.000, 30.00, 300.0, 3000MΩ, 25.0GΩ
  - **Resistance :** 100mΩ ~ 60MΩ
  - **Hz Line Level Frequency :** 10Hz ~ 20KHz
  - **Earth Continuity Test :** 2.000 Ω ~ 20.00 Ω
- ✳ **SAFETY :**
  - Double insulation per IEC/UL/EN61010-1 Ed. 3.0, CAT III 1000V AC & DC and CAT IV 600V AC & DC.
  - **E.M.C. :** Meets EN61326-1:2006 (EN55022, EN61000-3-2, EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11)
- ✳ **ADDITIONAL FUNCTIONS :**
  - VFD V & Hz readings.
  - 61 Segments Analog Bar Graph
  - Record MAX / MIN readings.
  - Display Hold
  - Auto or Manual ranging mode.
  - Pass /Fail Insulation Resistance Compare function; 12 selectable Preset Values.
  - LOCK-Test mode for Insulation Resistance & Earth Continuity Test.
  - BeepJack™ audible & visible input warning.
  - Remote Probe for insulation Resistance & Earth Continuity Test.
  - Diode Test & Continuity Test.
  - Rugged fire retarded casing.
- ✳ **Power supply :** 4 x AA Alkaline batteries.
- ✳ **Weight :** Approx. 635gm. with Holster.
- ✳ **Dimension :** Approx. 208(L)x103(W)x64.5(H)mm with Holster.
- ✳ **Accessories :** Test probe pair, BRP21S2-C Remote probe, Alligator clip pair, Holster, User manual & Carrying Case.
- ✳ **Optional Accessories :** Magnetic hanger.