HIGH SAFETY " UL " APPROVED DIGITAL MULTIMETERS

6000 COUNTS TRMS DIGITAL MULTIMETER WITH EF-DETECTION & PC INTERFACE Model - KM 251

NEW

CAT II 1000V
CAT III 600V
CAT IV300V

6.5KV Transient Protection



- **Sensing :** Average Sensing
- **DC Voltage Basic Accuracy :** 0.2%
- **Display :** 3-5/6 digits 6000 counts LCD display.
- **Update :** 5 per second

FUNCTIONS :

- **DC Voltage :** 10 µV ~ 1000 V.
- **AC Voltage (50 Hz ~ 400 Hz) :** 10 µV ~ 1000 V.
- **DC / AC Current :** 100 nA ~ 10 A.
- **Resistance :** 100 mΩ ~ 60 MΩ.
- **Hz Line Frequency :** 10 Hz ~ 50 kHz.
- **Hz Logic Level Frequency :** 5.00 Hz ~ 1.000 MHz.

SAFETY :

- Double insulation per IEC/UL/EN61010-1Ed.3.0 CAT II 1000V, CAT III 600V & CAT IV 300V AC & DC.
- **E.M.C.** : Meets EN61326-1:2013
- **Pollution Degree :** 2

ADDITIONAL FUNCTIONS :

- 24 Segments Analog Bar-Graph 40 per scond.
- EF-Detection (NCV).
- Data Hold.
- Relative zero mode.
- Beep-jack™ input warning against improper A-terminal plug in.
- Low Battery Indication <2.3V
- Diode Test & Continuity Test.
- Auto Power Off 34 minutes.
- Rugged fire retarded casing.

- **Power supply :** 1.5V AAA Alkaline Battery x 2.
- **Weight :** Approx. 340gm. with holster.
- **Dimension :** Approx.161(L) x 80(W) x 50(H)mm with holster.
- **Accessories :** Test lead pair, Holster, Battery installed, User Manual, Carrying case & banana plug type-K Thermocouple (250°C).
- **Optional Accessories :** PC Interface kit, BRUA-20X, Magnetic Hanger, USB-to-serial adaptor, Banana plug to type-K socket plug adaptor. Current Clamp Adaptor CA500, CA1000, CA2000. High Voltage Probe PD-28.

6000 COUNTS TRMS DIGITAL MULTIMETER WITH EF-DETECTION & PC INTERFACE Model - KM 257

CAT II 1000V
CAT III 600V
CAT IV 300V

6.5KV Transient Protection



- **Sensing :** TRUE RMS.
- **DC Voltage Basic Accuracy :** 0.2%
- **Display :** 3-5/6 digits 6000 counts Backlight LCD display.
- **Update :** 5 per second

FUNCTIONS :

- **DC Voltage :** 10 µV ~ 1000 V.
- **AC Voltage (50 Hz ~ 400 Hz) :** 10 µV ~ 1000 V.
- **DC / AC Current :** 100 nA ~ 10 A.
- **Resistance :** 100 mΩ ~ 60 MΩ.
- **Capacitance :** 10 pF ~ 3000 µF.
- **Hz Line Frequency :** 10 Hz ~ 50 kHz.
- **Hz Logic Level Frequency :** 5.00 Hz ~ 1.000 MHz.
- **Temperature :** -50 °C ~ 1000 °C.(K-Type Thermocouple)

SAFETY :

- Double insulation per IEC/UL/EN61010-1Ed.3.0 CAT II 1000V, CAT III 600V & CAT IV 300V AC & DC.
- **E.M.C.** : Meets EN61326-1:2013

ADDITIONAL FUNCTIONS :

- 24 Segments Analog Bar-Graph 40 per scond.
- Unique Auto check selects ACV/DCV/Resistance input
- EF-Detection (NCV).
- Autocheck Voltage & Resistance Lo-z function.
- Auto ranging MAX/MIN record.
- Crest mode (Peak Hold), Record Mode & Data Hold.
- Relative zero mode.
- Beep-jack™ input warning against improper A-terminal plug in.
- Low Battery Indication <2.3V
- Diode Test & Continuity Test.
- Auto Power Off 34 minutes.
- Rugged fire retarded casing.

- **Power supply :** 1.5V AAA Alkaline Battery x 2.
- **Weight :** Approx. 340gm. with holster.
- **Dimension :** Approx.161(L) x 80(W) x 50(H)mm with holster.
- **Accessories :** Test lead pair, Holster, Battery installed, User Manual, Carrying case & banana plug type-K Thermocouple (250°C).
- **Optional Accessories :** PC Interface kit, BRUA-20X, Magnetic Hanger, USB-to-serial adaptor, Banana plug to type-K socket plug adaptor. Current Clamp Adaptor CA500, CA1000, CA2000. High Voltage Probe PD-28.

6000 COUNTS TRMS DIGITAL MULTIMETER WITH VFD, EF-DETECTION MODEL - KM 235

IP40 Design

CAT II 1000V
CAT III 600V
CAT IV 300V

6.0 KV Transient Protection



- **Sensing :** True RMS
- **DC Voltage Basic Accuracy :** 0.3%
- **Display :** 3-5/6 digits 6000 counts Backlight LCD Display.
- **Update :** 5 per second

FUNCTIONS :

- **AC Voltage (50Hz~440Hz) :** 1mV ~ 1000V
- **AC mV (10Hz~800Hz) :** 10µV ~ 600mV
- **DC Voltage :** 10µV ~ 1000V
- **DC mV :** 10µV ~ 600mV
- **VFD AC Voltage (with low-pass filter)10Hz~400Hz:** 100mV ~ 1000V
- **AutoV AC / DC Voltage :** 100mV ~ 1000V
- **AC / DC Current :** 100nA ~ 10A
- **Resistance :** 100mΩ ~ 60MΩ
- **Line Frequency :** 10Hz ~ 50kHz
- **Capacitance :** 10pF ~ 10mF
- **Temperature :** -50°C~400°C(K-Type Thermocouple)

SAFETY :

- Double insulation per IEC/UL/EN61010-1Ed.3.0 CAT II 1000V, CAT III 600V & CAT IV 300V AC & DC.
- **E.M.C.** : Meets EN61326-1:2013

ADDITIONAL FUNCTIONS :

- VFD V & Hz Function
- AutoV (Loz)
- Auto-ranging MAX / MIN / AVG Record
- Auto-ranging relative zero mode
- Display Hold
- EF-Detection(NCV)
- BeepLit™ Continuity Tester
- BeepJack™ Input Warning on µAmA / A terminals
- Rugged Fire retarded casing.
- **IP Design :** IP40 Design
- Low Battery Indication <2.5V
- Diode & Continuity Test.
- Auto Power Off : 30 minutes.

- **Power supply :** 1.5V AAA Alkaline Battery X 2
- **Weight :** Approx. 334gm. with holster.
- **Dimension :** Approx.161(L) x 80(W) x 50(H)mm with holster.
- **Accessories :** Test lead pair, Battery installed, User Manual & Carrying case, BKP60 banana plug type-K thermocouple.
- **Optional Accessories :** BKB32 banana plug to type-k socket plug adaptor, BMH-01 magnetic hanger.