HIGH SAFETY " UL " APPROVED DIGITAL MULTIMETERS

60,000 COUNTS AC & AC+DC TRMS DIGITAL MULTIMETER WITH NON-CONTACT EF-DETECTION & BLUETOOTH FUNCTION
Model - KM 788BT

NEW

BLUETOOTH FUNCTION

Bluetooth

8KV Transient Protection



- **Sensing :** AC & AC+DC True RMS
- **DC Voltage Basic Accuracy :** 0.03%
- **Display :** 4-5/6 digits 60,000 counts Backlight LCD display.
- **Update :** 4-5/6 digit : 5 per second
  31 Segment Bar-Graph : 50 per second

FUNCTIONS :

- **DC Voltage :** 10 µV ~ 1000.0 V
- **AC Voltage (50Hz ~ 100kHz) :** 10 µV ~ 1000.0 V
- **AC+DC Voltage (50Hz ~ 20kHz) :** 10 µV ~ 1000.0 V
- **Resistance :** 0.01Ω ~ 60.000 MΩ.
- **Conductance :** 99.99nS
- **Capacitance :** 0.01 nF ~ 10.00 mF.
- **Loz Auto-DCV & ACV :** 1 mV ~ 1000.0 V
- **AC+DC Current (0Hz, 40Hz ~ 3kHz):** 0.01 µA ~ 10.000 A.
- **DC Current :** 600.0 µA ~ 10 A.
- **AC Current (40 Hz ~ 3 kHz) :** 600.00 µA ~ 10 A.
- **VFD AC Voltage (10Hz ~ 440Hz) :** 0.01V ~ 1000.0 V.
- **Temperature :** -200.0°C ~ 1090°C(K-Type Thermocouple)
- **Hz Logic Level Frequency :** 5.000 Hz ~ 1.0000 MHZ.
- **Hz Line Level Frequency :** 10 Hz ~ 50 kHZ.

SAFETY :

- Double insulation per IEC/UL/EN/BSEN 61010-1 Ed. 3.0, IEC/UL/EN/BSEN 61010-2-030 Ed. 1.0, IEC/UL/EN/BSEN 61010-2-033 Ed. 1.0, IEC/UL/EN/BSEN 61010-031 Ed.2.0 and the corresponding CAN/CSA-C22.2 regulations to Measurement Categories III 1000V AC & DC and Category IV 600V AC & DC.
- **E.M.C.** : Meets EN/BSEN 61326-1:2013
- **Pollution Degree :** 2

ADDITIONAL FUNCTIONS :

- DC Loop Current %4~20mA
- 31 Segments Analog Bar-Graph 50 per second.
- Crest (Instantaneous Peak hold) MAX & MIN readings
- Record MAX, MIN, & AVG readings
- % Duty Cycle
- T1-T2 differential temperature readings
- Relative-Zero mode, Data Hold, Auto Hold, VFD function
- BeepLit™ Diode Test & Continuity Test
- Low Battery : Below Approx. 3.7V

- **APO :** Idle for 15 minutes
- **Power supply :** 1.5V AAA Alkaline battery x 3
- **Weight :** Approx. 420gm. with holster.
- **Dimension :** Approx.193(L) x 89(W)x 51(H)mm
- **Accessories :** Test lead pair, Holster, Battery, User Manual, Bkp60 banana plug K Type Thermocouple.
- **Optional Accessories :** Bkb32 banana plugs to K-type socket plug adaptor, BMH-02 magnetic hanger strap

6000 / 20,000 COUNTS TRUE RMS DIGITAL MULTIMETER
Model - KM 839

"ETL" LISTED

IP40 Design

CAT III 1000V CAT IV 600V

8KV Transient Protection



- **Sensing :** AC True RMS
- **DC Voltage Basic Accuracy :** 0.09%
- **Display :** 4½ Digit 20,000 counts &
  3-5/6 digits 6000 counts Max Large Backlight LCD Dual Display.

FUNCTIONS :

- **AC/DC Voltage(6000 counts mode) :** 0.1mV ~ 1000V
- **AC/DC Voltage(20,000 counts mode) :** 0.01mV ~ 1000V
- **VFD AC Voltage :** 0.1V ~ 1000V (10Hz ~ 440Hz)
- **AC/DC Current (6000 counts mode) :** 0.1µA ~ 10A
- **AC/DC Current (20,000 counts mode) :** 0.01µA ~ 10A
- **Resistance (6000 counts mode) :** 0.1Ω ~ 60MΩ
- **Resistance (20,000 counts mode) :** 0.01Ω ~ 19.999MΩ
- **Line Frequency :** 6Hz ~ 100kHz
- **Capacitance :** 0.01nF ~ 20mF
- **Temperature :** -40°C ~ 1090°C (K-Type Thermocouple)
- **Conductance :** 60.00nS (0.01nS)
- **Auto lead resistance Calibration.**

SAFETY :

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

ADDITIONAL FUNCTIONS :

- ACV 20kHz & ACA 5kHz bandwidth.
- **IP Design :** IP40 Design
- VFD Function
- Selectable 6,000 & 20,000 counts resolution.
- 61 Segment Analog Bar-graph
- Dual digital display AC + Hz readings
- Fully Auto-Ranging & MAX / MIN Record
- Crest (Peak Hold) MAX/MIN Readings
- Relative zero mode & Display Hold
- BeepLit™ Continuity Tester
- BeepJack audible & visible input warning.
- Rugged Fire retarded casing.
- Diode & Continuity Test.

- **APO Timing:** Idle for 20 minutes
- **Power supply :** Four Alkaline AA Batteries.
- **Weight :** Approx. 635gm. with Holster.
- **Dimension :** Approx.208(L)x103(W)x64.5(H)mm with holster.
- **Accessories :** Test lead pair, Holster, Battery installed, User Manual, BKP60 banana plug type-K Thermocouple.
- **Optional Accessories :** BKB32 banana plug to type-K socket plug adaptor, BMH-01 Magnetic Hanger; Current Clamp CA500, CA1000, CA2000, High Voltage Probe PD-28.

6000 / 9999 COUNTS AC; AC+ DC TRUE RMS DIGITAL MULTIMETER WITH PC INTERFACE
Model - KM 829

IP54

CAT IV 1KV

12KV Transient Protection



- **Sensing :** AC+DC True RMS Sensing
- **DC Voltage Basic Accuracy :** 0.08%
- **Display :** 4 Digit 9999 Counts for ACV, DCV, Hz, nS
  6000 Counts for mV, µA, mA, A, Ohm & Capacitance with Backlight.

FUNCTIONS :

- **DC Voltage :** 0.01 mV ~ 1000 V.
- **AC Voltage (50Hz~20kHz) :** 0.01mV~1000V.
  3KHz ~ 15kHz for range 9.999V only.
- **DC Current :** 0.1 µA ~ 10 A.
- **AC & AC+DC Current (50Hz~1kHz) :** 0.1 µA ~ 10 A.
- **Autocheck DCV / ACV (50Hz~60Hz):** 1mV ~ 1000V.
- **Resistance & Autocheck Resistance :** 0.1Ω~60MΩ.
- **Capacitance :** 0.01 nF ~ 25 mF.
- **Line Level Frequency (Hz) :** 15 Hz ~ 50 kHz.
- **Logic Level Frequency :** 5.00 Hz ~ 1.000 MHz
- **Duty Cycle :** 0.01 % ~ 100.0 %.
- **Temperature :** -50 °C ~ 1000 °C.
- **Conductance :** 0.01nS ~ 99.99 nS

SAFETY :

- Double insulation per IEC/UL/EN61010-1 Ed. 3.0 Category IV 1000 V AC & DC.
- **E.M.C. :** Meets EN61326-1:2006

ADDITIONAL FUNCTIONS :

- 41 Segments Bar-Graph.
- Data Hold function & Relative Zero Mode.
- Crest (Instantaneous Peak Hold).
- T1-T2 differential Temperature readings.
- Record Max/Min, Max-Min/Avg. readings.
- NCV & Probe-Contact EF-Detection.
- dBm function with 20 selectable values.
- Lo-Z volts to drain Ghost Voltages (AutoCheck Feature).
- Diode Test & Continuity Test.
- Rugged fire retarded casing.

- **Power supply :** Single Alkaline 9V battery.
- **Weight :** Approx. 635gm with Holster.
- **Dimension :** Approx.208(L)x103(W)x64.5(H)mm with Holster.
- **Accessories :** Test lead pair, Holster, Battery installed, User Manual, One BKP60 banana plug type-K Thermocouple (250°C).
- **Optional Accessories :** USB interface kit BU-86X; BMH-01 Magnetic Hanger; BKB32 banana plug to type-K socket plug adaptor. Current Clamp Adaptor CA500, CA1000, CA2000, High Voltage Probe PD-28.