2000A AC / DC TRMS CLAMPMETER WITH VFD, EF-DETECTION , PC INTERFACE
Model - KM 3001

CAT IV 1000V AC/DC
CAT III 1500VDC

12KV Transient Protection



UL Approved

- **DC Voltage Basic Accuracy :** 0.5%
- **Sensing :** TRMS sensing
- **Jaw Opening :** 55mm max.
- **Display :** 3-5/6 digits 6000 counts & 3- 1/2 digits,1999 Counts for Hz secondary display

FUNCTIONS :

- **AC Current(Clamp on) (50 Hz ~ 400 Hz) :** 100 mA ~ 2000 A.
- **DC Current(clamp on) :** 100 mA ~ 2000 A.
- **DC + AC Current(Clamp on) (50 Hz ~ 400 Hz) :** 100 mA ~ 2000 A.
- **DC Voltage :** 1 mV ~ 1500 V.
- **AC Voltage (50 Hz ~ 400 Hz) :** 1 mV ~ 1000 V.
- **AC+DC Voltage (DC 50 Hz ~ 400 Hz) :** 1 mV ~ 1000 V.
- **VFD_ACV (with low pass filter) (10 Hz ~ 400 Hz) :** 1 mV ~ 1000 V.
- **Capacitance :** 10 pF ~ 2000 µF.
- **Ohm :** 0.1Ω ~ 40.00 MΩ.
- **Temperature :** -50°C ~ 1000°C
- **~Hz Line Level Frequency :** 10 Hz ~ 1999 Hz.

SAFETY :

- Meets IEC/EN/BSEN/CSA_C22.2_No/ULstandards of 61010-1 Ed.3.1 & 61010-2-032 Ed.4.0 to measurement categories CAT IV 1000V AC & DC & CAT III 1500Vdc
- EMC: Meets EN61326-1:2013
- Rugged fire retarded casing.
- **Transient Protection :** 12KV (1.2/50µs surge)

ADDITIONAL FUNCTIONS :

- 1500V DC range suitable for solar panel testing.
- 5ms CREST-MAX capture mode (Peak Hold)
- Autoranging Relative-Zero mode & Display Hold function.
- Probe contact, Non-Contact EF-Detection
- Diode Test & Continuity Test.
- Low Battery Indication &Auto Power Off after 34 minutes
- PC Interface (Optional) .

- **Power supply :** Standard 1.5V AA Battery x 2.
- **Weight :** Approx. 608 gm.
- **Dimension :** Approx. 264(L) x 97(W) x 43(H) mm
- **Accessories :** Test leads (pair), User Manual, Bkp60 banana plug K-type Thermocouple (upto 250°C) & Carrying case.
- **Optional Accessories :** USB interface kit BRUA-19X, BKB32 banana plug to type-K socket plug adaptor.

4000 COUNTS TRUE RMS HIGH VOLTAGE DIGITAL MULTIMETER
Model - KM 8000HVDM

FOR SOLAR PV FUNCTION

CAT III 1000V
CAT IV 600V



CE Approved

- **Sensing :** True RMS Sensing.
- **DC Voltage Basic Accuracy :** 0.5%.
- **Display :** 4000 counts LCD display.

FUNCTIONS :

- **DC Voltage :** 0.1 mV ~ 1000 V.for CE
  0.1 mV ~ 3000 V.for General
- **AC Voltage :** 0.1 mV ~ 1000 V.for CE
  0.1 mV ~ 2000 V.for General
- **DC mA / µA :** 0.1 µA ~ 400 mA.
- **AC mA / µA :** 0.1 µA ~ 400 mA.

SAFETY:

- IEC/EN61010-1, CAT III 1000V IEC/EN61010-1, CAT IV 600V; EN61326-1.
- Pollution Degree : 2

ADDITIONAL FUNCTIONS :

- DC Voltage Overload Protection : 3100V DC
- AC Voltage Overload Protection : 2100V AC
- For measuring solar, PV systems
- Auto ranging
- Bar-graph indication
- Data hold function
- 3000V DC Voltage measurement
- 2000V AC Voltage measurement
- AC / DC mA / µA measurement
- Low battery indication
- Auto power off
- Low power consumption
- Rugged and compact

- **Power supply :** 1.5V (AA) X 2 Alkaline Battery.
- **Weight :** Approx. 507gm. (Including battery).
- **Dimension :** Approx. 221(L) x 110(W) x 57(D)mm.
- **Accessories :** Test lead , User Manual, Alligator Clips, Hand Strap & batteries.