3 PHASE TRMS POWER CLAMPMETER WITH PC INTERFACE

Model - KM 357

CAT III 600V



6.5KV Transient Protection

- ✳ **Sensing :** TRUE RMS Sensing
- ✳ **Jaw Opening :** 26mm
- ✳ **Display :** Voltage Function : 6000 counts LCD display
  Power, Ohm & Hz Function : 9999 counts LCD
  ACA Clamp-on Function: 4000 counts LCD
  Polarity : Automatic

✳ **FUNCTIONS :**

- **AC Current (Clamp-on)(50Hz ~ 3.1kHz) :** 600A.
- **AC Voltage (50Hz ~ 3.1kHz) :** 600.0V
- **DC Voltage :** 600.0V
- **Resistance :** 999.9Ω
- **Frequency :** 5Hz ~ 500Hz.
- **Single & 3 Phase Balance Load Power :** 0 ~ 360.0KVA; 0 ~ 360.0kW/kVAR
- **Total Power Factor (PF) :** 0.10 ~ 0.99.

✳ **ADDITIONAL FUNCTIONS :**

- Transient Protection 6.5 KV
- Selectable Power Parameters of W, VAR & VA with Total Power Factor in dual-display.
- Backlight display.
- Display Hold & PEAK-rms Hold Function.
- A-LAGS-V Indication.
- kWHr Recording & 3 Phase Unbalanced Load Power.
- PC-comm computer interface capabilities (Optional).
- Low Battery Indication (2.4V approx.) & Auto Power Off (30min)
- Continuity Test.

✳ **Power supply :** Standard 1.5V AAA battery x 2.
✳ **Dimension :** Approx. 189(L) x 78(W) x 40(H) mm
✳ **Weight :** Approx. 192 gm. (including battery)
✳ **Accessories :** Test leads (pair), Battery installed, User's manual & Carrying case.
✳ **Optional Accessories :** PC interface kit BRUA13X (including BUA-2303 USB to serial adaptor, BA-1xx optical adaptor black, BC-100R USB port cable & software cd.)

AC & AC+DC TRMS PHOTOVOLTAICS POWER CLAMP-ON MULTIMETER WITH BLUETOOTH FUNCTION

Model - KM 1097BT

NEW

CAT III 1500V DC
CAT III 1000V AC
CAT IV 600V DC & AC

10KV Transient Protection



Preliminary Data

- ✳ **Sensing : AC & AC+DC** TRUE RMS Sensing
- ✳ **Jaw Opening :** 51mm max.
- ✳ **Display :** 3-5/6 digits 6000 counts; Dual LCD Display Flashlight / Backlight

✳ **FUNCTIONS :**

- **DC Voltage :** 0.001V ~ 1500V.
- **AC Voltage (40Hz ~ 400Hz) :** 0.001V ~ 1000V
- **AC+DC Voltage (DC40Hz ~ 400Hz) :** 0.001V ~ 1500V
- **AmpTip Clamp-on DC Current :** 0.01A ~ 60.00A.
- **AmpTip Clamp-on AC Current (40Hz ~ 400Hz) :** 0.01A ~ 60.00A.
- **AmpTip Clamp-on AC+DC Current (DC40Hz ~ 400Hz) :** 0.01A ~ 60.00A.
- **DC Current (Clamp-on) :** 0.01A ~ 1000A.
- **AC Current (Clamp-on) (40Hz ~ 400Hz) :** 0.01A ~ 1000A.
- **AC+DC Current (Clamp-on)(DC40Hz ~ 400Hz) :** 0.01A ~ 1000A.
- **Resistance :** 0.01Ω ~ 6000kΩ.
- **Capacitance :** 0.001μF ~ 2000μF
- **Temperature :** -40.0°C ~ 1000°C.(-40.0°F ~ 1832°F)
- **AC Active Power (~W) :** 1000kW
- **DC Power (---W) :** 1500kW
- **Hz Line Level Frequency :** 0.600V - 40.00Hz ~ 3.000kHz
  6.00A - 40.00Hz ~ 1.000kHz
- **RS (Car Battery Resistance Remote Control Test)**
- **In-rush current measurement.**

✳ **SAFETY :**

- DOUBLE INSULATION PER IEC/UL/EN/BSEN 61010-1 ED. 3.1, IEC/UL/EN/BSEN 61010-2-032 ED. 5.0, IEC/UL/EN/BSEN 61010-031 ED. 3.0 AND THE CORRESPONDING CAN/CSA-C22.2. CAT III1500VDC; CAT III1000V AC & CAT IV 600V DC & AC.
- **E.M.C.:** E.C.: EN61326-1:2021, ETSI EN 300 328 V2.2.2, EN 62479:2010, ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-17 V3.2.4
- **Wireless Radio.:** RF Certification: FCC ID WAP2006; IC:7922A-2006; MIC: 203-JN0599. Module Frequency Range: 2402MHz-2480MHz

✳ **ADDITIONAL FUNCTIONS :**

- Transient Protection 10.0 KV (1.2/50μs surge)
- Beeplit continuity & Diode Test
- Crest mode(instantaneous Peak Hold) & AutoHold Real-Read
- Non-Contact EF-Detection (NCV)
- Relative Zero, DC-Zero & MAX/MIN Record Mode
- Low Battery Indication (below 2.6V approx.) & Auto Power Off (16min).

✳ **Power supply :** 1.5V AA battery x 2.
✳ **Dimension :** 260(L) x 94(W) x 44(H) mm
✳ **Weight :** Approx. 450gm.
✳ **Accessories :** Test leads (pair), Battery, User's manual, Bkp60 banana plug type-K Thermocouple & Carrying case.
✳ **Optional Accessories :** BKB32 banana plug to type-K socket plug adaptor