HIGH SAFETY "UL" APPROVED DIGITAL CLAMPMETERS

600A AC TRUE RMS DIGITAL CLAMPMETER WITH VFD, EF-DETECTION, AMPTIP FUNCTION FOR LOW CURRENT MEASUREMENT MODEL - KM 072

CAT III 600V
CAT IV 300V



6KV Transient Protection

- **Sensing :** AC True RMS
- **Jaws Opening size :** 30mm Max. with AmpTip
- **Display :** 3-5/6 digits 6000 counts
- **AmpTip for accurate low current measurement.**

FUNCTIONS :

- **AmpTip™ Clamp-on- AC Current :** 60.00A
- **Regular Clamp-on AC Current :** 0.01A ~ 600.0A
- **AC Voltage (with low-pass) :** 0.1 ~ 600V
- **DC Voltage :** 0.1V ~ 600V
- **Resistance :** 0.1Ω ~ 60.00KΩ
- **Hz Line Level Frequency :** 5.00Hz ~ 999.9Hz

SAFETY :

- Double insulation per UL/IEC/EN61010-1 Ed. 3.0, IEC/EN61010-2-033 Ed. 1.0, CAN/CSA C22.2 No. 61010-1 Ed. 3.0, IEC/EN61010-2-032 Ed. 3.0 & IEC/EN61010-031 Ed. 1.1 to CAT III 600V & CAT IV 300V AC & DC
- EMC: Meets EN61326-1:2006
- Rugged Fire retarded casing.
- **Transient Protection :** 6KV (1.2/50μs surge)

ADDITIONAL FUNCTIONS :

- MAX/MIN/AVG Recording mode
- VFD-V & Hz for fundamental V/Hz of most Variable-Frequency-Drives
- Non-Contact EF-Detection (NCV)
- Probe-Contact EF-Detection.
- Low Battery Indication & Data hold.
- Auto Power Off after 32 minutes

- **Power supply :** Standard 1.5V AAA Size Battery X 2
- **Weight :** Approx. 186 gm.
- **Dimension :** Approx. 217(L) x 76(W) x 37(H) mm
- **Accessories :** Test lead set, User Manual, & Carrying Case.

DIGITAL TRMS FORK CLAMPMETER Model - KM 039F

CAT III 600V
CAT IV 300V
AC & DC



6.0KV Transient Protection

- **Sensing :** True RMS Sensing
- **Fork-Clamp opening & Conductor Diameter :** approx. 12.5mm
- **Fork-Clamp probe width :** approx. 12mm
- **Display :** 3-5/6 digits 6000 counts LCD Backlight display. 1.5% DCV Basic Accuracy.

FUNCTIONS :

- **Fork-Clamp AC Current (50Hz – 400Hz):** 0.01A ~ 200.0A
- **DC Voltage :** 0.1V ~ 600.0V
- **AC Voltage (LPF Added) (50 Hz ~ 60 Hz) :** 0.1V ~ 600.0V
- **Hz (LPF Added) Line-Level Frequency :** 5.00Hz ~ 999.9Hz
- **Resistance :** 0.1Ω ~ 6000 kΩ.
- **Frequency :** 5 Hz ~ 100 KHz.
- **Capacitance :** 0.1 μF ~ 2500 μF.
- **DCμA :** 0.1 μA ~ 2000 μA.
- **Temperature :** -40°C ~ 400°C

SAFETY :

- Certified per IEC/EN/CSA_C22.2_No./ULstandards: 61010-1 Ed. 3.0, 61010-2-032 Ed. 3.0, 61010-2-033 Ed. 1.0, & 61010-031 Ed. 2.0 to Measurement Categories CAT III 600V and CAT IV 300V ac & dc.
- EMC: Meets EN61326-1:2013
- Rugged fire retarded casing.
- **Transient Protection :** 6.0KV (1.2/50μs surge)

ADDITIONAL FUNCTIONS :

- Fork-Clamp Current Measurement.
- Cx range 200.0μF to 2500μF for start & run motor capacitors.
- MAX / MIN recording mode
- 5ms Crest (Peak-Hold) mode.
- Slim-Probe for slide into tight wirings.
- Non-Contact EF-Detection (NCV) with Hi/Lo Selectable Sensitivities.
- Probe-contact EF-Detection (Single-pole) for precise indication of live.
- Auto ranging for all ranges.
- Relative Mode & Data Hold.
- BeepLit™ feature for Diode & continuity.
- Low Battery Indication
- Auto Power Off 32 minutes.

- **Power supply :** 1.5V AAA x 2 battery
- **Weight :** Approx. 158 gm.
- **Dimension :** Approx. 193(L) x 57(W) x 32(H) mm
- **Accessories :** Test leads(pair), Battery, User Manual, Carrying Case & Bkp60 banana-plug type-k thermocouple upto 250°C.
- **Optional Accessories :** BKB32 banana-plug to type-k socket plug adaptor.