# HIGH SAFETY "UL" APPROVED DIGITAL CLAMPMETERS

## 1000A DC / 800A AC, 4000 COUNTS TRMS DIGITAL CLAMPMETER
### Model - 2754A-T

CAT III 600V



6.5KV Transient Protection

- ✳ **Sensing :** AC TRMS Voltage & Current functions
- ✳ **Jaws Opening size :** 50mm Max.
- ✳ **Display :** 3¾ digits 4000 counts LCD Display.

✳ FUNCTIONS :

- **AC Current (Clamp-on) :** 0.1 A ~ 800 A.
- **DC Current (Clamp-on) :** 0.1 A ~ 1000 A.
- **DC Voltage :** 0.1 mV ~ 600 V.
- **AC Voltage (50Hz ~ 500Hz) :** 100 µV ~ 600 V.
- **Capacitance :** 0.1nF ~ 3000 µF.
- **Resistance :** 0.1Ω ~ 40.00 MΩ.

✳ SAFETY :

- Meets IEC61010-2-032(2002), EN61010-2-032(2002), UL61010B-2-032(2003) Category III 600 Volts AC & DC.
- EMC: Meets EN61326 (1997, 1998/A1)
- Rugged fire retarded casing.
- **Transient Protection :** 6.5KV (1.2/50µs surge)

✳ ADDITIONAL FUNCTIONS :

- Backlight Display
- Fully Auto-ranging on all functions.
- 30ms Max HOLD to capture in-rush currents.
- Data Hold & Relative Zero Mode.
- Low Battery Indication
- Auto Power Off after 30 minutes.
- Diode Test & Fast Audible continuity Test .

- ✳ **Power supply :** Standard 1.5V AAA Battery x 2.
- ✳ **Weight :** Approx. 290 gm.
- ✳ **Dimension :** Approx. 227(L) x 78(W) x 40(H)mm
- ✳ **Accessories :** Test lead pair, Batteries, User Manual & Carrying case.

## 600A AC+DC TRMS CLAMPMETER WITH VFD, EF-DETECTION
### Model - KM 078



CAT III 600V
CAT IV 300V

6KV Transient Protection

- ✳ **Sensing :** AC, AC + DC TRMS
- ✳ **Jaws Opening size :** 35mm Max. with AmpTip
- ✳ **Display :** 3-5/6 digits 6000 counts backlight LCD display.
- ✳ **AmpTip for accurate low current measurement.**

✳ FUNCTIONS :

- **AC / DC CURRENT(Clamp on) :** 0.01 A ~ 600.0 A.
- **AC+DC CURRENT(Clamp on) :** 0.01 A ~ 600.0 A.
- **DC Voltage :** 0.1V ~ 600V.
- **AC Voltage (Low-Pass Filter) :** 0.1V ~ 600V.
- **AC+DC Voltage (Low-Pass Filter) :** 01V~600.0 V.
- **AmpTip™(Clamp on) AC/DC Current :** 60.00 A.
- **AmpTip™(Clamp on) AC+DC Current :** 60.00 A.
- **Capacitance :** 0.1 µF ~ 2500 µF.
- **Resistance :** 0.1 Ω ~ 60.00 KΩ.
- **~Hz Line Level Frequency :** 5 Hz ~ 999.9 Hz.

✳ 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 :

- Fast 80ms Peak-RMS mode to capture in-rush currents.
- MAX/MIN/AVG Recording mode (Auto ranging)
- VFD function for V & Hz .
- Relative DC-Zero mode & Data Hold.
- Autoranging Relative DC-Zero mode on DCA, DC+ACA.
- Probe contact, Non-Contact EF- Detection
- Low Battery Indication & Auto Power Off after 32 minutes
- Diode Test & Continuity Test.

- ✳ **Power supply :** Standard 1.5V AAA Battery x 2.
- ✳ **Weight :** Approx. 234 gm.
- ✳ **Dimension :** Approx. 223(L) x 76(W) x 37(H) mm
- ✳ **Accessories :** Test lead set, User Manual, & Carrying Case.

## 600A AC TRMS CLAMPMETER WITH VFD, EF-DETECTION
### Model - KM 076



CAT III 600V
CAT IV 300V

6KV Transient Protection

- ✳ **DC Voltage Basic Accuracy :** 1.0%
- ✳ **Sensing :** AC TRMS sensing
- ✳ **Jaw Opening :** 30mm max. with AmpTip for accurate low current measurement.
- ✳ **Display :** 3-5/6 digits 6000 counts backlight LCD display

✳ FUNCTIONS :

- **AC CURRENT(Clamp on) :** 0.01 A ~ 600.0 A.
- **DC Voltage :** 0.1 V ~ 600 V.
- **AC Voltage (Low-Pass Filter) :** 0.1V ~ 600 V.
- **AmpTip™ (Clamp on) AC Current :** 60.00 A.
- **DC µA (Via Testlead) :** 0.1µA ~ 2000 µA.
- **Capacitance :** 0.1 µF ~ 2500 µF.
- **Resistance :** 0.1 Ω ~ 60.00 KΩ.
- **Temperature :** -40°C ~ 400°C
- **~Hz Line Level Frequency :** 5 Hz ~ 999.9 Hz.

✳ SAFETY :

- Double insulation per UL/IEC/EN61010-1 Ed. 3.0, IEC/EN61010-2-033 Ed. 1.0, CAN/CSAC22.2 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 :

- Fast 80ms Peak-RMS mode to capture in-rush currents.
- MAX / MIN / AVG Recording mode (Auto ranging)
- VFD function for V & Hz .
- 3 Phase Rotation-R for Mains supply
- 3 Phase Rotation-M for Motors.
- AmpTip™ low-current range calibrated at Jaw-tip.
- Autoranging Relative DC-Zero mode on DCA, DC+ACA.
- Relative DC-Zero mode & Data Hold.
- Probe contact, Non-Contact EF- Detection, Diode, Continuity Test.
- Low Battery Indication & Auto Power Off after 32 minutes

- ✳ **Power supply :** Standard 1.5V AAA Battery x 2.
- ✳ **Weight :** Approx. 186gm.
- ✳ **Dimension :** Approx. 217(L) x 76(W) x 37(H) mm
- ✳ **Accessories :** Test lead set, User Manual, Bkp60 banana plug K-type Thermocouple (upto 250°C), Alligator clip set & Carrying Case.
- ✳ **Optional Accessories :** BKB32 banana plug to type-K socket plug adaptor.