

## AC / DC DIGITAL CLAMPMETER WITH DATA LOGGING FUNCTION & PC INTERFACE FOR SOLAR APPLICATIONS

### Model - KM 2009



#### GENERAL SPECIFICATIONS :

- \* **Sensing** : Average sensing
- \* **Jaw Opening Size** : 40mm
- \* **Function** :  
Measurement of AC / DC current, upto 600A & On-line measurement.
- \* **Display Size** : 32mm x 15mm
- \* **Test Mode** : Clip-on CT, Integral mode.
- \* **Display Mode** : Four Digit LCD display.
- \* **LCD Dimension** : 35mm x 21.5mm
- \* **Sampling Rate** : About 2times/s
- \* **AC/DC Current Range** : 0.0A ~600A
- \* **Frequency Range** : 45Hz ~ 400Hz
- \* **Resolution** : 0.1A
- \* **Accuracy** :  $\pm 2\% \text{rdg} + 3 \text{dpts}$
- \* **Line voltage** : Line test under AC600V
- \* **Data Hold** : Display shows "DH" symbol.
- \* **Out of Range** : Display shows "OL" symbol.
- \* **Data Storage** : 99 groups, all used when display "FULL"
- \* **Power Consumption** : about 10mW
- \* **Peak Hold** : Press "HOLD" without release, the meter will show the peak value.
- \* **Battery Voltage** : indicating the battery voltage is lower than 7.2V. Then the battery have to be changed.
- \* **Operating Temperature and Humidity** :  
0°C ~ 40°C : below 80% R.H.
- \* **Storage Temperature and Humidity** :  
-10°C ~ 60°C : below 70%rh
- \* **Insulation Strength** : AC 2kV/rms  
(between the alloy of the clamp & housing)
- \* **Auto Power Off** : 5 minutes after power on, it will power off automatically to lower the power consumption.
- \* **Power** : Standard 9V battery.
- \* **Dimension** : 175(W) x 70(H) x 38(T)mm
- \* **Weight** : Approx. 180g (with battery)

#### SAFETY :

IEC1010-1, IEC1010-2-032,  
pollution degree 2, CAT III (600V)

#### ACCESSORIES :

Carrying Case, Battery installed,  
User's Manual, RS232 PC Interface CD.

#### ELECTRICAL SPECIFICATIONS : KM 2009

##### AC CURRENT

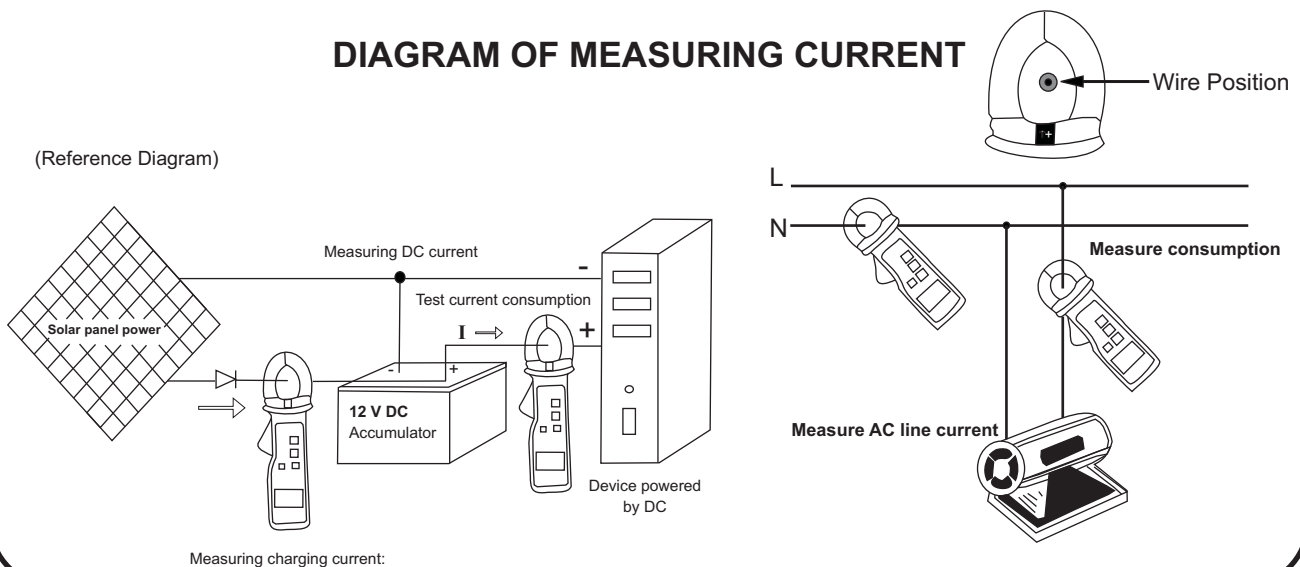
Range	Resolution	Accuracy
0.0A ~ 600A	0.1 A	$\pm(2\% \text{rdg} + 3 \text{dpts})$

##### DC CURRENT

Range	Resolution	Accuracy
0.0A ~ 600A	0.1 A	$\pm(2\% \text{rdg} + 3 \text{dpts})$

### DIAGRAM OF MEASURING CURRENT

(Reference Diagram)



All Specifications are subject to change without prior notice