KUSAM-MECO®
An ISO 9001:2015 Company

1000A AC TRMS DIGITAL CLAMPMETER
MODEL KM 3060-T

THINK SAFETY
THINK KUSAM-MECO®

FEATURES :

- ✷ **Measurement CAT II 600V AC/DC**
- ✷ **Altitude upto 2000 meters**
- ✷ **Relatively humidity 80% max.**
- ✷ **Pollution Degree 2**
- ✷ **Indoor use only**

GENERAL SPECIFICATIONS :

- ✷ **Sensing :** True RMS Sensing
- ✷ **Display :** 3-5/6 digits liquid crystal display (LCD) Max. Rading 5999. Automatic indication of functions and symbols.
- ✷ **Jaw Size :** Cables Φ36mm
- ✷ **Maximum Voltage between any terminal & Earth ground 750 Vrms.**
- ✷ **Operating Temperature :** 0~40°C
- ✷ **Operating Principle :** Dual slope integration
- ✷ **Over Range Indication :** LCD will show a "OL" in the highest position accompanied. (except for ranges of 1000A AC, and 1000VDC or 750VAC)
- ✷ **Low Battery Indication :** The is displayed when the battery voltage drops below the operating voltage.
- ✷ **Sampling rate :** 2.5times/sec (Digital Display).
- ✷ **Battery Life :** 60hrs approx.(Alkaline)
- ✷ **Polarity :** Automatic polarity "-" display for negative input
- ✷ **Auto Power Off :** The meter is powered off 15 minutes later after the last operating was made. To bringe back the display please turn rotary switch to more positions or push any button
- ✷ **Operating Temperature & Humidity :** 0°C to 40°C (R.H.<80%)
- ✷ **Storage Temperature & Humidity :** -10°C to 60°C (R.H.<80%)
- ✷ **Power Supply :** 1.5V AA x 2 Alkaline Battery.
- ✷ **Dimension :** 228(L) x 75(W) x 36(H)mm
- ✷ **Weight :** Approx. 465 gms. (including battery).



Preliminary Data

ACCESSORIES :

Test leads set, Users Manual, Battery & Carrying Case.

ELECTRICAL SPECIFICATIONS : KM 3060-T

AC CURRENT

Range	Resolution	Accuracy
60 A	0.01 A	± (2%rdg + 5dgts)
600 A	0.1 A	
1000 A	1 A	

Overload Protection : 1100A
Frequency Response : 40 ~ 65Hz

RESISTANCE

Range	Resolution	Accuracy
600 Ω	0.1 Ω	± (1.2%rdg + 2dgts)
6 kΩ	0.001 kΩ	± (1.0%rdg + 2dgts)
60 kΩ	0.01 kΩ	
600 kΩ	0.1 kΩ	
6 MΩ	0.001 MΩ	
60 MΩ	0.01 MΩ	± (2.0%rdg + 2dgts)

Overload Protection : 250V RMS

CAPACITANCE

Range	Resolution	Accuracy
10 nF	0.01 nF	± (2.5%rdg + 10dgts)
100 nF	0.1 nF	
1 µF	0.001 µF	± (2.0%rdg + 4dgts)
10 µF	0.01 µF	
100 µF	0.1 µF	
1 mF	0.001 mF	± (2.5%rdg + 10dgts)
10 mF	0.01 mF	
100 mF	0.1 mF	

Overload Protection : 250V RMS

AC VOLTAGE

Range	Resolution	Accuracy
600 mV	0.1 mV	± (1.8%rdg + 5dgts)
6 V	0.001 V	± (1.0%rdg + 3dgts)
60 V	0.01 V	
600 V	0.1 V	
750 V	1 V	± (1.5%rdg + 3dgts)

AC Voltage respond Frequency :
50Hz ~ 400Hz for 600V & below, 50Hz ~ 100Hz for 750V
Overload Protection : 600mV range 500V RMS, the rest 1000V DC or AC 750V RMS
Input Resistance : 10MΩ.

DIODE / AUDIBLE CONTINUITY

Range	Description
→	Display read approx. Forward voltage of diode. Accuracy : ±(3.0%rdg + 3)
•))	If the resistance is less than 50Ω, the beeper sounds continuously.

Overload Protection : 250V rms

FREQUENCY (Hz) & DUTY

Range	Accuracy	Sensitivity
10Hz	Unspecified	0.7V RMS
100Hz~1MHz	±(0.5%rdg+3dgts)	
10MHz	Unspecified	
DUTY Range : 0.1% to 99.9%		

Overload Protection : 250V RMS

DC VOLTAGE

Range	Resolution	Accuracy
600 mV	0.1 mV	± (1.0%rdg + 2dgts)
6 V	0.001 V	± (0.8%rdg + 2dgts)
60 V	0.01 V	
600 V	0.1 V	
1000 V	1 V	

Overload Protection : 600mV range 500V RMS, the rest 1000V DC or AC 750V RMS
Input Resistance : 10MΩ.

TEMPERATURE

	Range	Accuracy
750°C	-20°C~ 400°C	±(1.0%rdg+3dgts)
	400°C~ 750°C	±(2.0%rdg+1dgts)

All Specifications are subject to change without prior notice

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