KUSAM-MECO®
An ISO 9001:2015 Company

3¾ DIGIT 2000A AC/DC DIGITAL CLAMPMETER

THINK SAFETY
THINK KUSAM-MECO®

11 FUNCTIONS 34 RANGES
Model KM 2775

CAT III 600V
CAT II 1000V



CE Approved

SPECIAL FEATURES :

- Auto Ranging
- Full Automatic measurement
- Range change function
- Data Hold function freezes the reading
- Continuity & Diode Measurements
- Auto Power Off
- Low Battery Indication

SAFETY :

- **IEC/EN61010-1 EN61010-2-32 CAT III 600V CAT II 1000V**
- **Withstand Voltage :** 6000V

ACCESSORIES :

Test leads, Carrying Case, Battery installed, User's Manual.

GENERAL SPECIFICATIONS :

- **Sensing :** Average Sensing.
- **Jaw opening size :** 55mm Max.
- **Display :** 3¾ digits 4000 counts LCD display
- **Sample Rate :** Approx. 2 times per second
- **Response Time :** Approx. 1 second
- **Low Battery :** "⊟" sign appears on the display when the battery Voltage drops below accurate operating level.
- **Over range indication :** "O.L" indicated
- **Operating Principle :** Dual slope integration
- **Storage Temperature :** -20°C to 60°C, <80% R.H.
- **Temperature & Humidity for Guaranteed accuracy @ -10°C to 50°C at <80% R.H.**
- **Power Supply :** Standard 9V battery
- **Dimension :** 260(L) X 95(W) X 43(D) mm
- **Weight :** Approx. 515 gm (battery included)

ELECTRICAL SPECIFICATIONS - KM 2775

Accuracy is ± (% reading digits + number of digits) or otherwise specified, at 23°C ± 5°C & less than equal to 80% R.H.

AC CURRENT

Range	Resolution	Accuracy
400 A	0.1 A	±(2.0%rdg + 4dgts)
2000 A	1 A	±(2.0%rdg + 4dgts)

Frequency Response : 40Hz ~ 500Hz

DC CURRENT

Range	Resolution	Accuracy
400 A	0.1 A	±(1.5%rdg + 4dgts)
2000 A	1 A	±(1.5%rdg + 4dgts)

AC VOLTAGE

Range	Resolution	Accuracy
400 mV	0.1 mV	±(2.0%rdg + 3dgts)
4 V	1 mV	±(1.5%rdg + 3dgts)
40 V	10 mV	±(1.5%rdg + 3dgts)
400 V	100 mV	±(1.5%rdg + 3dgts)
1000 V	1 V	±(1.5%rdg + 3dgts)

Overload Protection : 1000V AC RMS
Frequency Response : 0 ~ 400mV at 40Hz ~ 100Hz
4V ~ 600V at 40Hz ~ 500Hz

DC VOLTAGE

Range	Resolution	Accuracy
400 mV	0.1 mV	±(1.0%rdg + 3dgts)
4 V	1 mV	±(1.0%rdg + 3dgts)
40 V	10 mV	±(1.0%rdg + 3dgts)
400 V	100 mV	±(1.0%rdg + 3dgts)
1000 V	1 V	±(1.0%rdg + 3dgts)

Overload Protection : 1000V DC

FREQUENCY

Range	Resolution	Accuracy
4 KHz	1 Hz	±(0.3%rdg + 2dgts)
20 KHz	10 Hz	±(0.3%rdg + 2dgts)

Overload Protection : 500V AC rms or 500V DC
Trigger level : 0.2V

CONTINUITY TEST

Range	Audible Threshold
400 Ω	Less than 25Ω

Overload Protection : 500V AC rms or 500V DC

CAPACITANCE

Range	Resolution	Accuracy
4 nF (30p~4nF)	1 pF	±(3.0%rdg + 5dgts)
40 nF	10 pF	±(2.0%rdg + 5dgts)
400 nF	100 pF	±(2.0%rdg + 5dgts)
4 µF	1 nF	±(2.0%rdg + 5dgts)
40 µF	10 nF	±(2.5%rdg + 5dgts)
400 µF	100 nF	±(2.5%rdg + 5dgts)
4 mF	1 µF	±(2.5%rdg + 5dgts)

Overload Protection : 500V AC rms or 500V DC

RESISTANCE

Range	Resolution	Accuracy
400 Ω	0.1 Ω	±(1.5%rdg + 3dgts)
4 KΩ	1 Ω	±(1.5%rdg + 3dgts)
40 KΩ	10 Ω	±(1.5%rdg + 3dgts)
400 KΩ	100 Ω	±(1.5%rdg + 3dgts)
4 MΩ	1 KΩ	±(1.5%rdg + 3dgts)
40 MΩ	10 KΩ	±(2.0%rdg + 4dgts)

Overload Protection : 500V AC rms or 500V DC

DIODE TEST

Range	Resolution	Accuracy
2 V	1 mV	±(1.5%rdg + 3dgts)

WARNING

Please do not change to any DCV or Ohm range when you are inputing 600V. Make sure that you have turned off the input voltage and then you can change to another range for testing.

All Specifications are subject to change without prior notice

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