KUSAM-MECO®
An ISO 9001:2015 Company

3¾ DIGITS AC/DC AUTORANGING DIGITAL CLAMPMETER

THINK SAFETY
THINK KUSAM-MECO®

12 FUNCTIONS 25 RANGES

MODEL - KM 2725

SPECIAL FEATURES :

- High Resolution DCA / ACA of 1mA
- Auto Polarity display
- Auto Zero Adjustment
- Display annunciators for all functions & ranges
- Continuity & Diode Measurements
- Auto Power Off
- Low Battery Indication

CAT III 300V
CAT II 600V



GENERAL SPECIFICATIONS :

- **Sensing :** Average sensing
- **Jaw Size :** 23 mm
- **Display :** 3¾ digits 4000 counts LCD display
- **Sampling rate :** 2.5 reading / sec.
- **Low Battery :** "⊟" mark is displayed when the Battery Voltage drops below 2.4V
- **Over range indication :** Display "OL" or "-OL"
- **Operating Temperature :** 0°C~50°C; ≤ 75% R.H.
- **Storage Temperature :** -20°C to 60°C; ≤ 80% R.H. (Without battery)
- **Power Supply :** 1.5V AA battery x 2
- **Dimension :** 183(L) X 43(W) X 31(H) mm
- **Weight :** Approx. 200 gm (battery included)

ACCESSORIES :

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

ELECTRICAL SPECIFICATIONS- KM 2725

Accuracy is ± (% reading digits + number of digits) or otherwise specified, at 23°C ± 5°C & less than 75% R.H.

AC CURRENT

Range	Resolution	Accuracy
4 A	1 mA	±(3.0%rdg + 3dgts)
40 A	10 mA	±(2.0%rdg + 3dgts)

DC CURRENT

Range	Resolution	Accuracy
4 A	1 mA	±(3.0%rdg + 2dgts)
40 A	10 mA	±(2.0%rdg + 2dgts)

AC VOLTAGE

Range	Resolution	Accuracy
400 mV	100 µV	±(1.8%rdg + 5dgts)
4 V	1 mV	±(1.0%rdg + 3dgts)
40 V	10 mV	±(1.0%rdg + 3dgts)
400 V	100 mV	±(1.0%rdg + 3dgts)
750 V	1 V	±(1.5%rdg + 3dgts)

Input Impedance : ≥10MΩ
AC Voltage Test Frequency : 50Hz~500Hz for 400V & below, & 50Hz~100Hz for above 400V.
Overload Protection : DC 1000V or AC 750V rms

DC VOLTAGE

Range	Resolution	Accuracy
400 mV	100 µV	±(1.0%rdg + 2dgts)
4 V	1 mV	±(0.8%rdg + 2dgts)
40 V	10 mV	±(0.8%rdg + 2dgts)
400 V	100 mV	±(0.8%rdg + 2dgts)
1000 V	1 V	±(0.8%rdg + 2dgts)

Input Impedance : ≥10MΩ
Overload Protection : DC 1000V or AC 750V rms

CAPACITANCE

Range	Resolution	Accuracy
40 nF	10 pF	±(2.5%rdg + 10dgts)
400 nF	100 pF	±(2.0%rdg + 4dgts)
4 µF	1 nF	±(2.0%rdg + 4dgts)
40 µF	10 nF	±(2.5%rdg + 4dgts)

Overload Protection : 250V rms

RESISTANCE

Range	Resolution	Accuracy
400 Ω	100 mΩ	±(1.0%rdg + 2dgts)
4 kΩ	1 Ω	±(1.0%rdg + 2dgts)
40 kΩ	10 Ω	±(1.0%rdg + 2dgts)
400 kΩ	100 Ω	±(1.0%rdg + 2dgts)
4 MΩ	1 kΩ	±(1.0%rdg + 2dgts)
40 MΩ	10 kΩ	±(1.5%rdg + 2dgts)

Overload Protection : 250V rms

CONTINUITY TEST

Range	Description
•))	If the resistance is less than 100Ω, the beeper sounds continuously

FREQUENCY

Range	Accuracy
9.999 Hz	Unspecified
99.99 Hz ~ 9.999 MHz	±(0.2%rdg + 3dgts)

Sensitivity : Frequency - 0.7V AC rms;
Voltage - 0.1V AC rms
Overload Protection : 250V rms

DIODE TEST

Range	Description
→|	Display read approx. Forward Voltage of diode. Accuracy : ±(3.0%rdg + 3dgts)

DUTY CYCLE

Range	Resolution	Sensitivity
0.1%~99.9%	0.1%	Frequency - 0.7V AC rms Voltage - 0.1V AC rms

Overload Protection : 250V rms

All Specifications are subject to change without prior notice

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