

3³/₄ DIGITS AC/DC AUTORANGING DIGITAL CLAMPMETER

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

GENERAL SPECIFICATIONS :

- * Sensing : Average sensing
- * Jaw Size : 23 mm
- * Display : 3³/₄ digits 4000 counts LCD display
- * Sampling rate : 2.5 reading / sec.
- * Low Battery : "BAT" 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 AAA 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

Model - KM 2720 - 17 FUNCTIONS 27 RANGES

KM 2725 - 17 FUNCTIONS 27 RANGES



KM2720

KM2725

ELECTRICAL SPECIFICATIONS- KM2720 / KM2725

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

AC/DC CURRENT (Model KM 2720)

Range	Resolution	Accuracy (ACA)	Accuracy (DCA)
40 A	10 mA	$\pm(2.0\%rdg + 3dgt)$	$\pm(2.0\%rdg + 2dgt)$
200 A	100 mA	$\pm(2.5\%rdg + 3dgt)$	$\pm(2.5\%rdg + 2dgt)$

AC/DC CURRENT (Model KM 2725)

Range	Resolution	Accuracy (ACA)	Accuracy (DCA)
4 A	1 mA	$\pm(3.0\%rdg + 3dgt)$	$\pm(3.0\%rdg + 2dgt)$
40 A	10 mA	$\pm(2.0\%rdg + 3dgt)$	$\pm(2.0\%rdg + 2dgt)$

AC VOLTAGE

Range	Resolution	Accuracy
400 mV	100 μ V	$\pm(1.8\%rdg + 5dgt)$
4 V	1 mV	$\pm(1.0\%rdg + 3dgt)$
40 V	10 mV	$\pm(1.0\%rdg + 3dgt)$
400 V	100 mV	$\pm(1.0\%rdg + 3dgt)$
750 V	1 V	$\pm(1.5\%rdg + 3dgt)$

Input Impedance : $\geq 10M$

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 μ V	$\pm(1.0\%rdg + 2dgt)$
4 V	1 mV	$\pm(0.8\%rdg + 2dgt)$
40 V	10 mV	$\pm(0.8\%rdg + 2dgt)$
400 V	100 mV	$\pm(0.8\%rdg + 2dgt)$
1000 V	1 V	$\pm(0.8\%rdg + 2dgt)$

Input Impedance : $\geq 10M$

Overload Protection : DC 1000V or AC 750V rms

CAPACITANCE

Range	Resolution	Accuracy
40 nF	10 pF	$\pm(2.5\%rdg + 10dgt)$
400 nF	100 pF	$\pm(2.0\%rdg + 4dgt)$
4 μ F	1 nF	$\pm(2.0\%rdg + 4dgt)$
40 μ F	10 nF	$\pm(2.5\%rdg + 4dgt)$

Overload Protection : 250V rms

RESISTANCE

Range	Resolution	Accuracy
400 Ω	100 m Ω	$\pm(1.0\%rdg + 2dgt)$
4 k Ω	1 Ω	$\pm(1.0\%rdg + 2dgt)$
40 k Ω	10 Ω	$\pm(1.0\%rdg + 2dgt)$
400 k Ω	100 Ω	$\pm(1.0\%rdg + 2dgt)$
4 M Ω	1 k Ω	$\pm(1.0\%rdg + 2dgt)$
40 M Ω	10 k Ω	$\pm(1.5\%rdg + 2dgt)$

Overload Protection : 250V rms

CONTINUITY TEST

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

DIODE TEST

Range	Description
	Display read approx. Forward Voltage of diode. Accuracy : $\pm(3.0\%rdg + 3dgt)$

FREQUENCY

Range	Accuracy
9.999 Hz	Unspecified
99.99 Hz ~ 9.999 MHz	$\pm(0.2\%rdg + 3dgt)$

Sensitivity : Frequency - 0.7V AC rms;

Voltage - 0.1V AC rms

Overload Protection : 250V rms

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