

**FEATURES :**

- Digital AC/DC miniature Clampmeter
- Highly reliable & precise & Easy to carry.
- Autoranging
- Reading Hold
- Backlight display
- Full range overload protection.
- Non-Contact Voltage Detection
- Auto Power Off in 15 minutes
- Low battery indication
- Diode Test, Continuity Test



Preliminary Data

**GENERAL SPECIFICATIONS :**

- \* Sensing : TRUE RMS Sensing
- \* Display : 3½ Digit 1999 Counts Backlight LCD display
- \* Jaw Opening : Max. 25mm
- \* Maximum input voltage for COM & Input : AC 600V, DC 600V
- \* Working Altitude: 2000m
- \* Overrange display : "OL" or "-OL"
- \* Working Temperature : 0°C ~ 40°C
- \* Storage Temperature : -10°C ~ 50°C
- \* Sampling Time : About 3 times / seconds.
- \* Power : 1.5V AAA x 2 battery.
- \* Dimension : Aporox.165(L) x 56(W) x 31(H)mm.
- \* Weight : Approx. 140 gm (Including battery)
- \* ACCESSORIES : Test leads (pair), User's manual, Battery, Thermocouple & Carrying case.

**ELECTRICAL SPECIFICATIONS KM 2730**

Accuracy is ± (% reading digits + number of digits ) or otherwise specified, at 23°C ± 5°C

**DC VOLTAGE**

Range	Resolution	Accuracy
200 mV	0.1 mV	±(0.5% rdg + 3 dgts)
2 V	0.001 V	
20 V	0.01 V	
200 V	0.1 V	
600 V	1 V	

Input resistance : 10MΩ  
The maximum input voltage : 600V DC

**AC VOLTAGE**

Range	Resolution	Accuracy
2 V	0.001 V	±(1.0% rdg + 3 dgts)
20 V	0.01 V	
200 V	0.1 V	
600 V	1 V	

Input resistance : 10MΩ  
The maximum input voltage : 600V AC  
Frequency Response : 40Hz ~ 1KHz

**RESISTANCE**

Range	Resolution	Accuracy
200 Ω	0.1 Ω	±(0.8 %rdg + 3 dgts)
2 KΩ	0.001 kΩ	
20 KΩ	0.01 kΩ	
200 KΩ	0.1 kΩ	
2 MΩ	0.001MΩ	
20 MΩ	0.01 MΩ	

Overload Protection : 250V  
Open Circuit Voltage : 1.2V

**AC CURRENT**

Range	Resolution	Accuracy
2A	0.001 A	± (2.5% rdg + 6 dgts)
20A	0.01 A	± (3.0% rdg + 6 dgts)
100A	0.1 A	

Maximum Input Current : 100A AC  
Frequency Range : 40Hz ~ 400Hz

**DC CURRENT**

Range	Resolution	Accuracy
2A	0.001 A	± (2.5% rdg + 6 dgts)
20A	0.01 A	± (3.0% rdg + 6 dgts)
100A	0.1 A	

**TEMPERATURE**

Range	Resolution	Accuracy
-20 ~ 1000°C	1°C	± (2.0% rdg + 2 dgts)
-4 ~ 1832°F	1°F	± (2.0% rdg + 4 dgts)

Overload Protection : 250V

**CAPACITANCE**

Range	Resolution	Accuracy
200 nF	0.1 nF	±(3.5%rdg + 15 dgts)
2 μF	0.001 μF	
20 μF	0.01 μF	
200 μF	0.1 μF	
2000 μF	0.001 μF	

Overload Protection : 250V

**BUZZER CONTINUITY**

Function	Range	Description
	100Ω	Resistance is less than 50Ω, the buzzer sounds.

Overload Protection : 250V Resolution : 1Ω  
Open Circuit Voltage : about 1V

**DIODE TEST**

Function	Range	Description
	0.15V ~ 2.5V	Forward DC Current : about 1mA Open Circuit Voltage : about 2.5V The approx. value of diode forward voltage.

Overload Protection : 250V Resolution : 0.001V

All Specifications are subject to change without prior notice.