



An ISO 9001:2008 Company

# 3 1/2 DIGITS AC DIGITAL CLAMPMETER Model 2718

### SPECIAL FEATURES :

- Auto Polarity display
- Sleep Mode (can be disabled)
- Data Hold & Max. Hold Function
- Continuity & Diode Measurements
- Auto Power Off
- Low Battery Indication

### SAFETY :

- IEC/EN61010 CAT II 600V, CAT III 300V over voltage & double insulation standard

### ACCESSORIES :

Test leads, Carrying Case, Battery installed, User's Manual, Drop proof wrist strap & Temperature Probe

### 13 FUNCTIONS 20 RANGES



Temperature Probe

### GENERAL SPECIFICATIONS :

- \* Sensing : Average Sensing
- \* Jaw Opening Size : 26mm diameter
- \* Display : 3 1/2 digits 2000 counts LCD display
- \* Display Size : 17mm
- \* Max. Jaw Size : 28mm diameter
- \* Measurement Speed : Update 3 times/second.
- \* Low Battery : "BAT" sign appears on the display
- \* Over range indication : Display "OL" or "-OL"
- \* Temperature Coefficient : 0.1°C (specified accuracy)/°C
- \* Storage Temperature : -20°C to 60°C, <75% R.H.
- \* Measurement Deviation : When the conductor being measured is not placed in a correct position during AC Current measurement. It will cause ±1% reading deviation.
- \* Operating Temperature : 0°C-30°C; <75% R.H.; 30°C-40°C; <70% R.H.; 40°C-50°C; <45% R.H.
- \* Power Supply : 1.5V AAA battery x 2
- \* Dimension : 208(L) X 76(W) X 30(H) mm
- \* Weight : Approx. 260 gm (battery included)

### ELECTRICAL SPECIFICATIONS - 2718

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

#### AC CURRENT (Auto Ranging)

Range	Resolution	Accuracy
2.000 A	1 mA	±(4%rdg + 30dgt) 1A ±(3%rdg + 12dgt)
20.00 A	10 mA	±(3%rdg + 12dgt) 4A ±(2%rdg + 8dgt)
200.0 A	100 mA	±(1.0%rdg + 9dgt)
400 A	1 A	

Frequency Response : 50Hz - 60Hz

Overload Protection : 400A rms

- Display effective value of sine wave (mean value response)  
To adjust reading in accordance with effective value.

#### AC VOLTAGE (Auto Ranging)

Range	Resolution	Accuracy
2.000 V	1 mV	±(1.2%rdg + 5dgt)
20.00 V	10 mV	
200.0 V	100 mV	±(1.5%rdg + 5dgt)
600 V	1 V	

Overload Protection : 600V rms

Input Impedance : 10M / <100pF

Display effective value of sine wave (mean value response)

Frequency response : 40Hz-1KHz

To adjust reading in accordance with effective value.

#### RESISTANCE (Auto Ranging)

Range	Resolution	Accuracy
200.0	100 m	±(1.2%rdg + 2dgt)
2.000 k	1	±(1%rdg + 2dgt)
20.00 k	10	
200.0 k	100	±(1.5%rdg + 2dgt)
2.000 M	1 k	
20.00 M	10 k	

Overload Protection : 600V rms

Input Impedance : 10M

#### TEMPERATURE(K-Type Thermocouple)

Range	Resolution	Accuracy
-40°C~1000°C	1°C	-40~0°C: ±(3%rdg+9dgt)
		0~400°C: ±(1%rdg+7dgt)
		400~1000°C: ±(2%rdg+10dgt)
-40°F~1832°F	1°F	-40~32°F ±(3%rdg+10dgt)
		32°F~752°F ±(1%rdg+8dgt)
		752°F~1832°F ±(2%rdg+18dgt)

Overload Protection : 600V rms

Thermocouple accuracy not included.

Supplied Thermocouple is suitable for measurement upto 250°C

#### DIODE TEST

Range	Resolution	Accuracy
	1 mV	Display Approximate forward Voltage Drop: 0.5V~0.8V

Open Circuit Voltage : Approx. 1.48V

Overload Protection : 600V rms

#### CONTINUITY TEST

Range	Resolution	Accuracy
	100 m	Around 50 the buzzer beeps

Open Circuit Voltage : Approx. 0.45V

Overload Protection : 600V rms

The buzzer may or may not beeps when the resistance of a circuit under test is between 50 and 120

The buzzer may not beep when the resistance of a circuit under test is greater than 120

#### DC VOLTAGE (Auto Ranging)

Range	Resolution	Accuracy
200.0 mV	100 V	±(0.8%rdg + 3dgt)
2.000 V	1 mV	±(0.8%rdg + 1dgt)
20.00 V	10 mV	
200.0 V	100 mV	±(1%rdg + 3dgt)
600 V	1 V	

Overload Protection : 600V rms

Input Impedance : 10M

All Specifications are subject to change without prior notice



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