



DT-370

OPEN JAW CLAMP METER

Easy-to-use. Its convenient Open Jaw design provides quick measurements in tight locations. It has Non Contact Voltage Detection, and can also measure AC/DC Voltage, AC Current, Resistance, Capacitance, Temperature and Frequency.

Confirms to JEC 1010-1 (2001) : EN61010-1 (2001) CAT-II 1000V, CAT-III 600V

FEATURES

- 3-3/4 Digits 3999 Counts Backlit Display
- 30mm Jaw Dia
- Data Hold
- Relative Measurement
- Auto Power Off: Approx 30mins.
- Battery Operated, 2 x 1.5V AAA type
- Over-range & Low Battery Indication
- Confirms to IEC1010-1, CAT-III 600V
- Operating Temperature 5 to 40° C
- Storage Temperature -20 to 60° C
- Operating Humidity Max 80% up to 31° C
- Operating Altitude 7000 ft

SPECIFICATIONS

Function	Range	Accuracy (% of reading + digits)	Resolution
DC Voltage	4V	$\pm (1.5\% + 2d)$	1mV
	40V	$\pm (1.5\% + 2d)$	10mV
	400V	$\pm (1.5\% + 2d)$	100mV
	600V	$\pm (2\% + 2d)$	1V

Input Impedance : 10M Ω

Over Range Protection : 600V DC or 600V AC RMS

Function	Range	Accuracy (% of reading + digits)	Resolution
AC Voltage	4V	$\pm (2\% + 5d)$	1mV
	40V	$\pm (1.5\% + 2d)$	10mV
	400V	$\pm (1.5\% + 2d)$	100mV
	600V	$\pm (2\% + 2d)$	1V

Input Impedance : 10M Ω

Over Range Protection : 600V DC or 600V AC RMS

Frequency Response : 50Hz ~ 400Hz

Function	Range	Accuracy (% of reading + digits)	Resolution
AC Current	200A	$\pm (3\% + 5d)$	100mA

Function	Range	Accuracy (% of reading + digits)	Resolution
Resistance	400 Ω	$\pm (1.0\% + 4d)$	0.1 Ω
	4k Ω	$\pm (1.5\% + 4d)$	1 Ω
	40k Ω	$\pm (1.5\% + 4d)$	10 Ω
	400k Ω	$\pm (1.5\% + 4d)$	100 Ω
	4M Ω	$\pm (2.5\% + 4d)$	1k Ω
	40M Ω	$\pm (3.5\% + 4d)$	10k Ω

Over Range Protection : 250V DC or 250V AC RMS

Function	Range	Accuracy (% of reading + digits)	Resolution
Frequency	40Hz	$\pm (1.0\% + 2d)$	0.01Hz
	400Hz	$\pm (1.2\% + 2d)$	0.1Hz
	4Hz	$\pm (1.2\% + 2d)$	1Hz
	40KHz	$\pm (1.2\% + 2d)$	10Hz
	400KHz	$\pm (1.2\% + 2d)$	100Hz
	10MHz	$\pm (1.2\% + 2d)$	100Hz

Input Impedance : 10mV RMS

Over Range Protection : 300V DC or 300V AC RMS

Function	Range	Accuracy (% of reading + digits)	Resolution
Duty Cycle	0.1%~99.9%	$\pm 1.2\%$ of rdg $\pm 2d$ gts	0.1%

Sensitivity : <0.5V RMS

Pulse Width : >100us, <100ms;

Overload Protection : 300V DC or 300V AC RMS

Function	Range	Accuracy (% of reading + digits)	Resolution
Temperature	(-20.0 to 760°C)	$\pm (3.0\% \pm 5^\circ\text{C})$	0.1°C
	(4°F to 1400°F)	$\pm (3\% \pm 8^\circ\text{F})$	1°F

Sensor : K Type banana Plug

Overload Protection : 250V DC or 250V AC RMS

Function	Range	Accuracy (% of reading + digits)	Resolution
Capacitance	4nF	$\pm (5\% + 20d)$	0.1nF
	40nF	$\pm (3.0\% + 5d)$	1nF
	400nF	$\pm (3.0\% + 5d)$	10nF
	4 μF	$\pm (3.0\% + 5d)$	100nF
	40 μF	$\pm (3.0\% + 5d)$	1 μF
	100 μF	$\pm (5.0\% + 10d)$	10 μF

Overload Protection : 250V DC or 250V AC RMS

Function	Testing Condition	Reading
Diode	Forward DCA is approx, 5.0mA, Backward Voltage is approx. 1.5V	Forward Voltage drop of diode
Continuity	Open Voltage is approx. 0.5mA	Buzzer makes a long sound, While resistance is less than (50 Ω)

Overload Protection : 250V DC or 250V AC RMS

INCLUDED ACCESSORIES

Carrying Case, Testing Leads, Battery, Instruction Manual, Temperature Probe and Test Certificate.