

# DIGITAL CLAMP METERS



	FEATURES	CL110	CL210	CL310	CL600	CL700	CL800
<b>If you require, test or measure...</b>	Durability						
...Jobsite durability - Surviving a drop or a fall	Drop Protection	3.3 ft. (1 m)	3.3 ft. (1 m)	3.3 ft. (1 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)
...Jobsite durability - Resistance to dust and water	Ingress Protection	—	—	—	IP40	IP40	IP40
...Jobsite safety - CAT III for electric panels, CAT IV for outside wiring	Safety	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V
...AC outlets, electrical panels, or electrical devices	AC Voltage (Volts)	600V	600V	600V	1000V	1000V	1000V
...DC motors, or automotive/marine batteries	DC Voltage (Volts)	600V	600V	600V	1000V	1000V	1000V
...Safe current measurements in electrical panels or wires drawn by large appliances	AC Current (Amps)	400A	400A	400A	600A	600A	600A
...Current drawn by DC motors	DC Current (Amps)	—	—	—	—	—	600A
...Resistors to ensure that specifications are correct	Ohms (Resistance)	20MΩ	20MΩ	40MΩ	60MΩ	60MΩ	60MΩ
...Low AC voltage	AC Millivolts	•	•	—	•	•	•
...Troubleshooting electronics	DC Millivolts	•	•	•	•	•	•
...Electrical properties of circuits with non-linear loads or distorted non-sinusoidal waveforms	True RMS	—	—	•	•	•	•
...Circuit continuity or testing for open or shorted wiring faults	Audible Continuity	•	•	•	•	•	•
...Ability to work in poorly-lit areas	Backlight	•	•	•	•	•	•
...Temperature of motors, devices, air vents, etc.	Temperature	—	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	—	-14° - 1000°F (-26° - 538°C)	-14° - 1000°F (-26° - 538°C)
...Identify and eliminate stray or ghost voltages	Low Impedance	—	—	—	—	•	•
...Quick, non-contact AC Voltage test to determine if wires are energized	Non-Contact Voltage Testing	—	—	—	•	•	•
...Improved efficiency and speed when making measurements	Auto Ranging	•	•	•	•	•	•
...Forcing the meter to measure with a particular resolution	Range Hold	•	•	•	•	•	•
...Saving the value to the display following the measurement	Data Hold	•	•	•	•	•	•
...Troubleshoot malfunctioning diodes	Diode Test	—	—	•	•	•	•
...Capacitors (such as motor run or start capacitors)	Capacitance Test	—	—	4000 μF	—	6000 μF	6000 μF
...AC supply or troubleshoot variable frequency drives	Frequency / Duty Cycle	—	—	10Hz - 1MHz	—	1Hz - 500 KHz	1Hz - 500 KHz
...Understand the variability from average of an electrical property being measured	Max / Min	MAX only	MAX only	•	•	•	•
...Hanging meter to enable two-handed operation with test probes	Magnetic Mount	—	—	—	Available As Accessory	Available As Accessory	Available As Accessory
...Illuminating a poorly lit workspace to facilitate measurement	Worklight	—	—	—	—	—	•
...Conserve battery life	Auto-Power Off	•	•	•	•	•	•
...Specific measurement resolution in lower ranges	LCD Display Count	2000	2000	4000	6000	6000	6000

Specifications subject to change.