

# **Clamp Meter selection chart**

	Job functions	Applications	Recommended clamp			
	Plant Maintenance Process Technician/ Electrician Automation Specialist	Multiple placement potential for large facilities allows units to be left in place	365 True-rms AC Clamp Meter Key features  • 200 A ac and A dc measurement with fixed jaw  • Detachable jaw makes accessing wires and viewing the display easier  • 6000 Ω resistance measurement with continuity  • Built in flashlight/torch allows for easy illumination and identification of wires  • True-rms to more accurately measure the actual current, even with distorted wave-forms caused by noisy loads  • CAT III 600 V			
	Residential Electrician	Conduct front line troubleshooting of	373 True-rms AC Clamp Meter			
	Electrical Contractor  Commercial Electrician	general ac current systems  Verify circuit integrity and operation  • Measure load current, ac voltage and continuity of switches, fuses and contacts  Feeder cables  • Check balance and loading of feeder cables	Key features     Measure up to 600 A ac     Measure ac and dc voltage to 600 V     True-rms to more accurately measure the actual current, even with distorted wave forms caused by noisy loads     Includes large backlit display, ac and dc voltage, resistance, continuity, and capacitance     CAT IV 300 V, CAT III 600 V			
Ф	Electrical Contractor	Basic troubleshooting of ac and dc	374 True-rms AC/DC Clamp Meter			
al Purpose	Commercial Electrician	systems     Measure dc current in battery powered	Key features			
Purp	Electric Utility Technician	devices, security systems, etc.  • Measure motor start-up and run current	Measure up to 600 A ac and A dc     True-rms to more accurately measure the actual current,			
<u>r</u>	Facility Maintenance	Capacitance for motor start and run capacitors	even with distorted wave-forms caused by noisy loads • Compatible with the new i2500-18 and i2500-10 iFlex			
General	Utility Technician	Check balance and loading in service panels	flexible current probes (sold separately), which expathe measurement range to 2500 A ac and provides increased display flexibility  Inrush current mode for repeatable measurement of motor or equipment start-up current  Includes large backlit display, ac and dc voltage, resistance, continuity, MIN/MAX and capacitance  CAT IV 600 V, CAT III 1000 V			
	Industrial Electrical Contractor	Advanced troubleshooting of ac and dc	375 True-rms AC/DC Clamp Meter			
	Plant Maintenance	<ul><li>systems</li><li>Large motors and drives, and noisy</li></ul>	<b>Key features</b> • 500 mV measurement range to interface with other			
	HVAC/R Specialist	electrical environments  • Motor inrush to troubleshoot current protection devices  • Output of variable speed motors and drives	<ul> <li>Soo involved in the large to interface with other accessories</li> <li>Integrated low pass filter and state of the art signal processing allows for use in noisy electrical environments while providing stable readings</li> <li>Frequency measurement to 500 Hz with both jaw and iFlex</li> <li>Compatible with the new i2500-18 and i2500-10 iFlex flexible current probes (sold separately), which expands the measurement range to 2500 A ac and provides increased display flexibility</li> <li>Measure true-rms voltage, capacitance, resistance and continuity</li> <li>CAT IV 600 V, CAT III 1000 V</li> </ul>			

display hold functions • CAT IV 300 V, CAT III 600 V

# Clamp Meter selection chart cont.

	Job functions	Applications	Recommended clamp
Comm/Ind Electrical	Electrical Contractor  Facility Maintenance  Commercial Electrician	Working on panels and branch circuits  Measure loads on a branch circuit at a panel (including feeder cables, branch circuits and neutrals) and the continuity of switches, fuses and contacts  Measure load side voltage of a breaker or fuse  Check if a circuit is live before beginning work	T5-1000 Electrical Tester  Key features  Open jaw ac current measurement to 100 A  AC and dc voltage T5-600: CAT III 600 V  T5-1000: CAT IV 600 V, CAT III 1000 V  Continuity, resistance Rugged and easy to use
Leakage	Facility Maintenance Electrician  Hospital Electrician  Electrical Contractor	Measuring leakage current     Check insulation condition and leakage of circuits and systems     Check for leakage in circuits and systems utilizing filters      Testing insulation on live circuits     Evaluate insulation condition on live circuits via leakage current measurements where disconnection is highly inconvenient	<ul> <li>360 AC Leakage Current Clamp Meter Key features</li> <li>• Measurement of leakage current with 3 mA range and 1 μA of resolution for accurate monitoring of insulation erosion</li> <li>• Broad range of measurement from 1 μA up to 60 A, for all installation needs</li> <li>• Advanced shielding to ensure accurate results when measuring near other conductors</li> <li>• Easy-to-carry, pocket-sized leakage current tester with wide 40 mm (1.5 in) jaw size</li> <li>• CAT III 300 V</li> </ul>
Earth Ground	Industrial/Commercial Maintenance Electrician  Utility Technician  Electrical Contractor/Consultant	Grounding and bonding resistance testing     Perform ground loop tests in areas where other ground resistance test techniques are not available     Test parts of a multi-grounded system     Periodically perform quick tests on system grounds as part of a regular preventative maintenance program	<ul> <li>1630 Earth Ground Clamp Meter</li> <li>Key features</li> <li>Measure from 0.025 Ω to 1500 Ω ground loop resistance</li> <li>Large jaw for clamping around the widest range of ground conductors or grounding bars</li> <li>Measure ground leakage and ac load currents from 0.2 mA all the way up to 30 A</li> <li>User defined alarm limits for rapid pass/fail type measurements</li> <li>CAT III 300 V</li> </ul>
Process	Process Technician/ Electrician  Automation Specialist/ Commercial Electrician	Measuring process control signals  Measures 4-20 mA signals without breaking the loop  Check correct operation of PLCs and control systems analog I/O  Source process control signals allow for testing of 4-20 mA signals and 1 to 5 V and 0 to 10 V to test automation I/O  Advanced troubleshooting features simplify loop testing	<ul> <li>773 Milliamp Process Clamp Meter Key features</li> <li>Saves time and money by easily measuring 4-20 mA signals</li> <li>Detatchable miniature clamp for tight locations</li> <li>Also measure older 10 to 50 mA signal systems with the 100 mA range</li> <li>Backlit display, spotlight, display hold and zero-reading buttons</li> <li>Eliminates the need for extra 4-20 mA source or voltage equipment when troubleshooting</li> <li>CAT II 300 V</li> </ul>

# Clamp meter specifications

	Commercial/industrial Residential/commercial electrical				General	
			electrical 323 324 325			purpose
	T5-600	T5-1000	323	324	325	365
Measurements						
AC current	•	•	•	•	•	•
AC voltage	•	•	•	•	•	•
Resistance	•	•	•	•	•	•
Continuity	•	•	•	•	•	•
DC volts	•	•	•	•	•	•
DC current			_	_	•	•
True-rms			•	•	•	•
Frequency					•	
AC + DC voltage			•	•	_	
AC + DC current Min/Max/Avg					•	
4-20 mA (0.01 mA resolution)						
Temperature				•	•	
Capacitance				•	•	
Earth ground loop resistance						
Special features						
Inrush current mode						
Low Pass filter						
Harmonics, power, data logging						
18-inch iFlex Flexible Current Probe						
10-inch iFlex Flexible Current Probe						
Remote display						
Flasnlight/torch						•
Flashlight/torch  Display						•
	•	•	•	•	•	•
Display	•	•	•	•	•	-
Display Display hold	•	•	•			•
Display Display hold Backlight	•	•	•			•
Display Display hold Backlight Graphing display		12.9 mm (0.5 in)		•	•	•
Display Display hold Backlight Graphing display Specifications	12.9 mm (0.5 in)			•	•	•
Display Display hold Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms	12.9 mm (0.5 in)	12.9 mm (0.5 in)	30 mm (1.18 in)	30 mm (1.18 in)	30 mm (1.18 in)	• • 18 mm (0.7 in)
Display Display hold Backlight Graphing display Specifications Jaw opening Max wire size	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A	30 mm (1.18 in) 600 MCM 0 to 400.0 A	30 mm (1.18 in) 600 MCM 0 to 40.00 A/ 400.0 A 2 %	30 mm (1.18 in) 600 MCM 0 to 40.00 A/ 400.0 A 2 %	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 A
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts	30 mm (1.18 in) 600 MCM 0 to 400.0 A 2 % ± 5 counts	30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A 2 % ± 5 counts	30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A 2 % ± 5 counts	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts
Display Display hold Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A	30 mm (1.18 in) 600 MCM 0 to 400.0 A	30 mm (1.18 in) 600 MCM 0 to 40.00 A/ 400.0 A 2 %	30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A  2 % ± 5 counts True-rms 0 to 40.00	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 A
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts	30 mm (1.18 in) 600 MCM 0 to 400.0 A 2 % ± 5 counts	30 mm (1.18 in) 600 MCM 0 to 40.00 A/ 400.0 A 2 % ± 5 counts	30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A  2 % ± 5 counts  True-rms 0 to 40.00 A/400.0 A  2 %	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts True-rms 0 to 200 A
Display Display hold Backlight Graphing display Specifications Jaw opening Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response Current range dc  Accuracy dc current	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging	30 mm (1.18 in) 600 MCM 0 to 400.0 A 2 % ± 5 counts True-rms	30 mm (1.18 in) 600 MCM 0 to 40.00 A/ 400.0 A 2 % ± 5 counts True-rms	30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A  2 % ± 5 counts  True-rms 0 to 40.00 A/400.0 A  2 % ± 5 counts	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts True-rms 0 to 200 A  2 % ± 5 counts
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response  Current range dc	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging 0 to 600.0 V 1.5 %	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging 0 to 1000 V 1.5 %	30 mm (1.18 in) 600 MCM 0 to 400.0 A 2 % ± 5 counts True-rms	30 mm (1.18 in) 600 MCM 0 to 40.00 A/ 400.0 A 2 % ± 5 counts True-rms	● 30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A  2 % ± 5 counts  True-rms 0 to 40.00 A/400.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 %	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 Å  2 % ± 5 counts True-rms 0 to 200 Å  2 % ± 5 counts 0 to 600.0 V 2 %
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response  Current range dc  Accuracy dc current  Voltage range ac  Accuracy ac voltage	12.9 mm (0.5 in) 1/0 THHN Cable  0 to 100.0 A  3 % ± 3 counts  Averaging  0 to 600.0 V  1.5 % ± 2 counts	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging 0 to 1000 V 1.5 % ± 2 counts	30 mm (1.18 in) 600 MCM  0 to 400.0 A  2 % ± 5 counts  True-rms  0 to 600.0 V  1.5 % ± 5 counts	0 to 40.00 A/ 400.0 A 2 % ± 5 counts  True-rms  0 to 600.0 V 1.5 % ± 5 counts	● 30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A 2 % ± 5 counts  True-rms 0 to 40.00 A/400.0 A 2 % ± 5 counts 0 to 600.0 V 1.5 % ± 5 counts	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts True-rms 0 to 200 A  2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response  Current range dc  Accuracy dc current  Voltage range ac  Accuracy ac voltage	12.9 mm (0.5 in) 1/0 THHN Cable  0 to 100.0 A  3 % ± 3 counts  Averaging  0 to 600.0 V  1.5 % ± 2 counts  0 to 600.0 V	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging  0 to 1000 V 1.5 % ± 2 counts 0 to 1000 V	30 mm (1.18 in) 600 MCM  0 to 400.0 A  2 % ± 5 counts  True-rms  0 to 600.0 V  1.5 % ± 5 counts 0 to 600.0 V	0 to 40.00 A/ 400.0 A 2 % ± 5 counts  True-rms  0 to 600.0 V 1.5 % ± 5 counts 0 to 600.0 V	● 30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A  2 % ± 5 counts  True-rms 0 to 40.00 A/400.0 A  2 % ± 5 counts 0 to 600.0 V  1.5 % ± 5 counts 0 to 600.0 V	18 mm (0.7 in) 17 mm (0.67 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts True-rms 0 to 200 A  2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response  Current range dc  Accuracy dc current  Voltage range ac  Accuracy ac voltage  Voltage range dc  Accuracy dc voltage	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging  0 to 600.0 V 1.5 % ± 2 counts 0 to 600.0 V 1 % ± 1 count	12.9 mm (0.5 in) 1/0 THHN Cable  0 to 100.0 A  3 % ± 3 counts  Averaging  0 to 1000 V  1.5 % ± 2 counts  0 to 1000 V  1 % ± 1 count	30 mm (1.18 in) 600 MCM  0 to 400.0 A  2 % ± 5 counts  True-rms  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1.0 % ± 5 counts	● 30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A 2 % ± 5 counts  True-rms  0 to 600.0 V 1.5 % ± 5 counts 0 to 600.0 V 1.0 % ± 5 counts	●  30 mm (1.18 in)  600 MCM  0 to 40.00 A/ 400.0 A  2 % ± 5 counts  True-rms 0 to 40.00 A/400.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1.0 % ± 5 counts	18 mm (0.7 in) 17 mm (0.67 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts True-rms 0 to 200 A  2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response  Current range dc  Accuracy dc current  Voltage range ac  Accuracy ac voltage  Voltage range dc  Accuracy dc voltage  Resistance range	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging  0 to 600.0 V 1.5 % ± 2 counts 0 to 600.0 V 1 %	12.9 mm (0.5 in) 1/0 THHN Cable  0 to 100.0 A  3 % ± 3 counts  Averaging  0 to 1000 V  1.5 % ± 2 counts  0 to 1000 V  1 %	30 mm (1.18 in) 600 MCM  0 to 400.0 A  2 % ± 5 counts  True-rms  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1.0 %	● 30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A 2 % ± 5 counts  True-rms  0 to 600.0 V 1.5 % ± 5 counts 0 to 600.0 V 1.0 %	0 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A  2 % ± 5 counts  True-rms 0 to 40.00 A/400.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1.0 % ± 5 counts  0 to 40 kΩ	18 mm (0.7 in) 17 mm (0.67 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts True-rms 0 to 200 A  2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 %
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response  Current range dc  Accuracy dc current  Voltage range ac  Accuracy ac voltage  Voltage range dc  Accuracy dc voltage  Resistance range  Frequency measurement range	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging  0 to 600.0 V 1.5 % ± 2 counts 0 to 600.0 V 1 % ± 1 count	12.9 mm (0.5 in) 1/0 THHN Cable  0 to 100.0 A  3 % ± 3 counts  Averaging  0 to 1000 V  1.5 % ± 2 counts  0 to 1000 V  1 % ± 1 count	30 mm (1.18 in) 600 MCM  0 to 400.0 A  2 % ± 5 counts  True-rms  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1.0 % ± 5 counts	● 30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A 2 % ± 5 counts  True-rms  0 to 600.0 V 1.5 % ± 5 counts 0 to 600.0 V 1.0 % ± 5 counts	●  30 mm (1.18 in)  600 MCM  0 to 40.00 A/ 400.0 A  2 % ± 5 counts  True-rms 0 to 40.00 A/400.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1.0 % ± 5 counts	18 mm (0.7 in) 17 mm (0.67 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts True-rms 0 to 200 A  2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response  Current range dc  Accuracy dc current  Voltage range ac  Accuracy ac voltage  Voltage range dc  Accuracy dc voltage  Resistance range Frequency measurement range  Unit power	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging  0 to 600.0 V 1.5 % ± 2 counts 0 to 600.0 V 1 % ± 1 count 0 to 1000 Ω	12.9 mm (0.5 in) 1/0 THHN Cable  0 to 100.0 A  3 % ± 3 counts  Averaging  0 to 1000 V  1.5 % ± 2 counts  0 to 1000 V  1 % ± 1 count  0 to 1000 Ω	30 mm (1.18 in) 600 MCM  0 to 400.0 A  2 % ± 5 counts  True-rms  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1.0 % ± 5 counts  0 to 4000 Ω	0 to 40.00 A/ 400.0 A/ 400.0 A 2 % ± 5 counts True-rms  0 to 600.0 V 1.5 % ± 5 counts 0 to 600.0 V 1.0 % ± 5 counts	0 to 40.00 A/ 400.0 A/ 2 % ± 5 counts True-rms 0 to 40.00 A/ 2 % ± 5 counts 0 to 600.0 V 1.5 % ± 5 counts 0 to 600.0 V 1.0 % ± 5 counts 0 to 40.00 A/ 2 % 5 counts 0 to 600.0 V 1.5 % 5 counts 0 to 600.0 V 1.0 % 5 counts 0 to 40 kΩ 5 Hz to 500 Hz	18 mm (0.7 in) 17 mm (0.67 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts True-rms 0 to 200 A  2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response  Current range dc  Accuracy dc current  Voltage range ac  Accuracy ac voltage  Voltage range dc  Accuracy dc voltage  Resistance range  Frequency measurement range  Unit power  Auto off	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging  0 to 600.0 V 1.5 % ± 2 counts 0 to 600.0 V 1 % ± 1 count	12.9 mm (0.5 in) 1/0 THHN Cable  0 to 100.0 A  3 % ± 3 counts  Averaging  0 to 1000 V  1.5 % ± 2 counts  0 to 1000 V  1 % ± 1 count	30 mm (1.18 in) 600 MCM  0 to 400.0 A  2 % ± 5 counts  True-rms  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1.0 % ± 5 counts	● 30 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A 2 % ± 5 counts  True-rms  0 to 600.0 V 1.5 % ± 5 counts 0 to 600.0 V 1.0 % ± 5 counts	0 mm (1.18 in) 600 MCM  0 to 40.00 A/ 400.0 A  2 % ± 5 counts  True-rms 0 to 40.00 A/400.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1.0 % ± 5 counts  0 to 40 kΩ	18 mm (0.7 in) 17 mm (0.67 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts True-rms 0 to 200 A  2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response  Current range dc  Accuracy dc current  Voltage range ac  Accuracy ac voltage  Voltage range dc  Accuracy dc voltage  Resistance range  Frequency measurement range  Unit power  Auto off  Warranty and safety	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A  3 % ± 3 counts Averaging  0 to 600.0 V  1.5 % ± 2 counts 0 to 600.0 V  1 % ± 1 count 0 to 1000 Ω	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging  0 to 1000 V 1.5 % ± 2 counts 0 to 1000 V 1 % ± 1 count 0 to 1000 Ω	30 mm (1.18 in) 600 MCM  0 to 400.0 A  2 % ± 5 counts  True-rms  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1.0 % ± 5 counts  0 to 4000 Ω	0 to 40.00 A/ 400.0 A 2 % ± 5 counts True-rms  0 to 600.0 V 1.5 % ± 5 counts 0 to 600.0 V 1.0 % ± 5 counts	0 to 40.00 A/ 400.0 A 2 % ± 5 counts True-rms 0 to 40.00 A 2 % ± 5 counts 0 to 600.0 V 1.5 % ± 5 counts 0 to 600.0 V 1.0 % ± 5 counts 0 to 40.00 A/ 2 % 5 counts 0 to 600.0 V 1.0 % 5 counts 0 to 500.0 V 1.0 % 5 counts	• 18 mm (0.7 in) 17 mm (0.67 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts True-rms 0 to 200 A  2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % 15 counts 0 to 600.0 V 0 to 600.0 V
Display  Display hold  Backlight  Graphing display  Specifications  Jaw opening  Max wire size  Current range ac rms  Accuracy ac current (50/60 Hz)  AC Response  Current range dc  Accuracy dc current  Voltage range ac  Accuracy ac voltage  Voltage range dc  Accuracy dc voltage  Resistance range  Frequency measurement range  Unit power  Auto off	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging  0 to 600.0 V 1.5 % ± 2 counts 0 to 600.0 V 1 % ± 1 count 0 to 1000 Ω	12.9 mm (0.5 in) 1/0 THHN Cable  0 to 100.0 A  3 % ± 3 counts  Averaging  0 to 1000 V  1.5 % ± 2 counts  0 to 1000 V  1 % ± 1 count  0 to 1000 Ω	30 mm (1.18 in) 600 MCM  0 to 400.0 A  2 % ± 5 counts  True-rms  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1.0 % ± 5 counts  0 to 4000 Ω	0 to 40.00 A/ 400.0 A/ 400.0 A 2 % ± 5 counts True-rms  0 to 600.0 V 1.5 % ± 5 counts 0 to 600.0 V 1.0 % ± 5 counts	0 to 40.00 A/ 400.0 A/ 2 % ± 5 counts True-rms 0 to 40.00 A/ 2 % ± 5 counts 0 to 600.0 V 1.5 % ± 5 counts 0 to 600.0 V 1.0 % ± 5 counts 0 to 40.00 A/ 2 % 5 counts 0 to 600.0 V 1.5 % 5 counts 0 to 600.0 V 1.0 % 5 counts 0 to 40 kΩ 5 Hz to 500 Hz	18 mm (0.7 in) 17 mm (0.67 in) 17 mm (0.67 in) 0 to 200.0 A  2 % ± 5 counts True-rms 0 to 200 A  2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts

General purpose		Industrial electrical		HVAC/R	High end industrial, utility		iFlex accessory	
373	374	375	376	381	902	353	355	i2500-10/ i2500-18
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•		•	
•	•	•	•	•	•		•	
•	•	•	•	•	•		•	
•	•	•	•	•	•		•	
	•	•	•	•	•	•	•	
•	•	•	•	•	•	•	•	•
		•	•	•		•	•	•
							•	
						•	•	
	•	•	•	•	•	•	•	•
					•			
•	•	•	•	•	•			
			•					
	•	•	•	•		•	•	•
		•	•	•		•	•	
	Optional	Optional	Included	Included				
	Optional	Optional	Optional	Optional				
				•				
		<u> </u>						
•	•	•	•	•	•	•	•	
•	•	•	•	•	•	•	•	
					-	•		
•	•	•	•	•	•		•	7.5 mm coil
•	•		•	•	•		•	7.5 mm coil
32 mm (1.26 in)	34 mm (1.33 in)	34 mm (1.33 in)	• 34 mm (1.33 in)	34 mm (1.33 in)	30.5 mm (1.2 in)	58 mm (2.3 in)	58 mm (2.3 in) 750 MCM or	7.5 mm coil
32 mm (1.26 in) 750 MCM 0 to 600.0 A	34 mm (1.33 in) 750 MCM 0 to 600.0 A	34 mm (1.33 in) 750 MCM 0 to 600.0 A	934 mm (1.33 in) 750 MCM 0 to 999.9 A	34 mm (1.33 in) 750 MCM 0 to 999.9 A	30.5 mm (1.2 in) 750 MCM 0 to 600.0 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A	0 to 2500 A
32 mm (1.26 in) 750 MCM 0 to 600.0 A	34 mm (1.33 in) 750 MCM 0 to 600.0 A	34 mm (1.33 in) 750 MCM 0 to 600.0 A 2 %	34 mm (1.33 in) 750 MCM 0 to 999.9 A 2 %	34 mm (1.33 in) 750 MCM 0 to 999.9 A 2 %	30.5 mm (1.2 in) 750 MCM 0 to 600.0 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 %	O to 2500 A
32 mm (1.26 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts	● 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts	● 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts	● 34 mm (1.33 in) 750 MCM 0 to 999.9 A 2 % ± 5 counts	• 34 mm (1.33 in) 750 MCM 0 to 999.9 A 2 % ± 5 counts	30.5 mm (1.2 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts	0 to 2500 A  3 % ± 5 counts
32 mm (1.26 in) 750 MCM 0 to 600.0 A	● 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts True-rms	● 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts True-rms	● 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts True-rms	● 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts True-rms	30.5 mm (1.2 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms	O to 2500 A
32 mm (1.26 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts	● 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts	● 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts	● 34 mm (1.33 in) 750 MCM 0 to 999.9 A 2 % ± 5 counts	• 34 mm (1.33 in) 750 MCM 0 to 999.9 A 2 % ± 5 counts	30.5 mm (1.2 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts	0 to 2500 A  3 % ± 5 counts
32 mm (1.26 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts	● 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts True-rms	● 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts True-rms	● 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts True-rms	● 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts True-rms	30.5 mm (1.2 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms	0 to 2500 A  3 % ± 5 counts
32 mm (1.26 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts	94 mm (1.33 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts	94 mm (1.33 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts	● 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts	●  34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms  0 to 999.9 A  2 % ± 5 counts	30.5 mm (1.2 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A	0 to 2500 A  3 % ± 5 counts
32 mm (1.26 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms	94 mm (1.33 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts 0 to 600.0 V	94 mm (1.33 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts 0 to 600.0 V	● 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts 0 to 1000 V	94 mm (1.33 in) 750 MCM 0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts 0 to 1000 V	30.5 mm (1.2 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts 600.0 V	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts  True-rms 0 to 2000 A  1.5 % ± 5 counts  0 to 600.0 V	0 to 2500 A  3 % ± 5 counts
32 mm (1.26 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms  0 to 600.0 V  1 %	94 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 %	94 mm (1.33 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts 0 to 600.0 V 1.5 %	● 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts 0 to 1000 V  1.5 %	94 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 %	30.5 mm (1.2 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts 600.0 V 1 %	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts  0 to 600.0 V 1 %	0 to 2500 A  3 % ± 5 counts
32 mm (1.26 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms  0 to 600.0 V  1 % ± 5 counts	●  34 mm (1.33 in)  750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms  0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts	●  34 mm (1.33 in)  750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms  0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts	● 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts	•  34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms  0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts	0.5 mm (1.2 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 200 μA 1 % ± 5 counts 600.0 V 1 % ± 5 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts  True-rms 0 to 2000 A  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts	0 to 2500 A  3 % ± 5 counts
9 32 mm (1.26 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms  0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V	• 34 mm (1.33 in)  750 MCM  0 to 600.0 A  2 %  ± 5 counts  True-rms  0 to 600.0 A  2 %  ± 5 counts  0 to 600.0 V  1.5 %  ± 5 counts  0 to 600.0 V	• 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts True-rms 0 to 999.9 A  2 % ± 5 counts 0 to 1000 V  1.5 % ± 5 counts 0 to 1000 V	• 34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 %  ± 5 counts  True-rms  0 to 999.9 A  2 %  ± 5 counts  0 to 1000 V  1.5 %  ± 5 counts  0 to 1000 V	0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts 600.0 V  1 % ± 5 counts 0 to 600.0 V	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts  True-rms 0 to 2000 A  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts 0 to 1000 V	0 to 2500 A  3 % ± 5 counts
0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % 1 % 1 %	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts 0 to 600.0 V  1.5 % ± 5 counts 0 to 600.0 V  1 %	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts 0 to 600.0 V  1.5 % ± 5 counts 0 to 600.0 V  1 %	• 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts 0 to 1000 V  1.5 % ± 5 counts 0 to 1000 V  1 %	• 34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms  0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts  0 to 1000 V  1 %	0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts 600.0 V  1 % ± 5 counts 0 to 600.0 V  1 %	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts 0 to 1000 V  1 %	0 to 2500 A  3 % ± 5 counts
9 32 mm (1.26 in) 750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms  0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts	•  34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms  0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts  0 to 1000 V  1 % ± 5 counts	• 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts  0 to 1000 V  1 % ± 5 counts	0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts 600.0 V  1 % ± 5 counts 0 to 600.0 V	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts  True-rms 0 to 2000 A  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts 0 to 1000 V	0 to 2500 A  3 % ± 5 counts
0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts 0 to 600.0 V  1.5 % ± 5 counts 0 to 600.0 V  1 %	• 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts 0 to 1000 V  1.5 % ± 5 counts 0 to 1000 V  1 %	• 34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms  0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts  0 to 1000 V  1 %	0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts  600.0 V  1 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts 0 to 1000 V  1 % ± 5 counts	0 to 2500 A  3 % ± 5 counts
0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts	• 34 mm (1.33 in)  750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms  0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts  0 to 600.0 V  1 % 0 to 600.0 V	•  34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms  0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts  0 to 1000 V  1 % ± 5 counts  0 to 1000 V  1 % 0 to 1000 V	• 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts 0 to 1000 V  1.5 % ± 5 counts 0 to 1000 V  1 % ± 5 counts 0 to 1000 V  1 % 0 to 1000 V	0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts  600.0 V  1 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts	• 58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts 0 to 1000 V  1 % ± 5 counts 0 to 1000 V	0 to 2500 A  3 % ± 5 counts  True-rms
0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts	• 34 mm (1.33 in)  750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms  0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts  0 to 600.0 V  1 % 0 to 600.0 V	•  34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms  0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts  0 to 1000 V  1 % ± 5 counts  0 to 1000 V  1 % 0 to 1000 V	• 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts 0 to 1000 V  1.5 % ± 5 counts 0 to 1000 V  1 % ± 5 counts 0 to 1000 V  1 % 0 to 1000 V	0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts  600.0 V  1 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts	• 58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts 0 to 1000 V  1 % ± 5 counts 0 to 1000 V	0 to 2500 A  3 % ± 5 counts  True-rms
0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % 5 counts 0 to 600.0 V 1 % 0 to 600.0 V	• 34 mm (1.33 in)  750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms  0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts  0 to 600.0 V  1 %  - 5 counts	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts  0 to 600.0 V  1 %  5 counts  0 to 600.0 V  1 %  5 counts	•  34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms  0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts  0 to 1000 V  1 % ± 5 counts  0 to 60 kΩ  500 Hz	• 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts 0 to 1000 V  1.5 % ± 5 counts 0 to 1000 V  1 % ± 5 counts 0 to 60 kΩ  500 Hz	0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts  600.0 V  1 % ± 5 counts 0 to 600.0 V  1 %  5 counts 0 to 9999 Ω	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts 0 to 1000 V  1 % 5 counts 0 to 400 KΩ 5 to 1000 Hz	0 to 2500 A  3 % ± 5 counts  True-rms
0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % 5 counts 0 to 600.0 V 1 % 3	•  34 mm (1.33 in)  750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms  0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts  0 to 600.0 V  3	• 34 mm (1.33 in)  750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms  0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts  0 to 600.0 V  1 %  3	•  34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms  0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts  0 to 1000 V  1 % ± 5 counts  0 to 60 kΩ  500 Hz	• 34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms  0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts  0 to 1000 V  1 % ± 5 counts  0 to 60 kΩ  500 Hz	0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts  600.0 V  1 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts 0 to 9999 Ω	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts	• 58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts  True-rms 0 to 2000 A  1.5 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts 0 to 1000 V  1 % 5 counts 0 to 400 KΩ 5 to 1000 Hz	0 to 2500 A  3 % ± 5 counts  True-rms
0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % 5 counts 0 to 600.0 V 1 % 0 to 600.0 V	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts 0 to 600.0 V  1.5 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts 0 to 600.0 V	• 34 mm (1.33 in) 750 MCM  0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 600.0 A  2 % ± 5 counts  0 to 600.0 V  1.5 % ± 5 counts  0 to 600.0 V  1 % ± 5 counts  0 to 600.0 V  1 %  5 counts  0 to 600.0 V  1 %  5 counts	•  34 mm (1.33 in)  750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms  0 to 999.9 A  2 % ± 5 counts  0 to 1000 V  1.5 % ± 5 counts  0 to 1000 V  1 % ± 5 counts  0 to 60 kΩ  500 Hz	• 34 mm (1.33 in) 750 MCM  0 to 999.9 A  2 % ± 5 counts  True-rms 0 to 999.9 A  2 % ± 5 counts 0 to 1000 V  1.5 % ± 5 counts 0 to 1000 V  1 % ± 5 counts 0 to 60 kΩ  500 Hz	0 to 600.0 A  2 % ± 5 counts  True-rms 0 to 200 μA  1 % ± 5 counts  600.0 V  1 % ± 5 counts 0 to 600.0 V  1 %  5 counts 0 to 9999 Ω	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A  1.5 % ± 5 counts True-rms 0 to 2000 A  1.5 % ± 5 counts 0 to 600.0 V  1 % ± 5 counts 0 to 1000 V  1 % 5 counts 0 to 400 KΩ 5 to 1000 Hz	0 to 2500 A  3 % ± 5 counts  True-rms



### Clamp meter specifications cont.

	Leakage	Process	Earth ground	Power quality
	360*	773	1630	345
75		////	78.50	
Measurements				
AC current	•		•	•
AC volts				•
Resistance				
Continuity			•	
DC Volts				•
DC current		•		•
True-rms			•	•
Frequency				•
Min/Max/Avg				•
4-20 mA (0.01 mA resolution)		•		
Temperature				
Capacitance				
Earth ground loop resistance			•	
Special features				
Inrush current mode				•
Low Pass filter				•
Harmonics, power, data logging				•
18-inch iFlex Flexible Current Probe				
10-inch iFlex Flexible Current Probe				
Remote display				
Flashlight/torch				
Display				
Display hold	•	•	•	•
Backlight	•	•		•
Graphing display				•
Specifications				-
Specifications	40 mm (1.5 in)	4.5mm (0.177 in)	35 mm (1.38 in)	
	40 mm (1.5 in) 1250 MCM	4.5mm (0.177 in) 6 AWG	35 mm (1.38 in) 1000 MCM	58 mm (2.3 in)
Specifications Jaw opening				
Specifications Jaw opening				58 mm (2.3 in) 750 MCM or three
Specifications Jaw opening Max wire size	1250 MCM		1000 MCM	58 mm (2.3 in) 750 MCM or three 500 MCM
Specifications Jaw opening Max wire size Current range ac rms	1250 MCM 0 to 60 A		1000 MCM 0 to 35 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A
Specifications Jaw opening Max wire size Current range ac rms	1250 MCM 0 to 60 A 1 %		1000 MCM  0 to 35 A 2 %	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 %
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)	1250 MCM  0 to 60 A  1 % ± 5 counts		1000 MCM  0 to 35 A  2 % ± 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG  0 to 99.9 mA  4-20 mA is 0.2 %	1000 MCM  0 to 35 A  2 % ± 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts True-rms 0 to 2000 A ± 1.5 %
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG 0 to 99.9 mA	1000 MCM  0 to 35 A  2 % ± 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG  0 to 99.9 mA  4-20 mA is 0.2 %	1000 MCM  0 to 35 A  2 % ± 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG  0 to 99.9 mA  4-20 mA is 0.2 %	1000 MCM  0 to 35 A  2 % ± 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 %  ± 5 counts  True-rms  0 to 2000 A  ± 1.5 %  ± 5 counts  0 to 825 V  ± 1 %
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac Accuracy ac voltage	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG  0 to 99.9 mA  4-20 mA is 0.2 %	1000 MCM  0 to 35 A  2 % ± 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac Accuracy ac voltage  Voltage range dc	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG  0 to 99.9 mA  4-20 mA is 0.2 %	1000 MCM  0 to 35 A  2 % ± 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts  0 to 825 V
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac Accuracy ac voltage	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG  0 to 99.9 mA  4-20 mA is 0.2 %	1000 MCM  0 to 35 A  2 % ± 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V  ± 1 %  ± 5 counts  0 to 825 V  ± 1 %
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac Accuracy ac voltage  Voltage range dc Accuracy dc voltage	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG  0 to 99.9 mA  4-20 mA is 0.2 %	1000 MCM  0 to 35 A 2 % ± 3 counts True-rms	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts  0 to 825 V
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac Accuracy ac voltage  Voltage range dc Accuracy dc voltage  Resistance range	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG  0 to 99.9 mA  4-20 mA is 0.2 %	1000 MCM  0 to 35 A  2 % ± 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac Accuracy ac voltage  Voltage range dc Accuracy dc voltage  Resistance range Frequency measurement range	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG  0 to 99.9 mA  4-20 mA is 0.2 %	1000 MCM  0 to 35 A 2 % ± 3 counts True-rms	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts  0 to 825 V  ± 1 %
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac Accuracy ac voltage  Voltage range dc Accuracy dc voltage  Resistance range Frequency measurement range  Unit power	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG  0 to 99.9 mA  4-20 mA is 0.2 %	1000 MCM  0 to 35 A 2 % ± 3 counts  True-rms	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac Accuracy ac voltage  Voltage range dc Accuracy dc voltage  Resistance range Frequency measurement range  Unit power Auto off	1250 MCM  0 to 60 A  1 % ± 5 counts	6 AWG  0 to 99.9 mA  4-20 mA is 0.2 %	1000 MCM  0 to 35 A 2 % ± 3 counts True-rms	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac Accuracy ac voltage  Voltage range dc Accuracy dc voltage  Resistance range Frequency measurement range  Unit power	1250 MCM  0 to 60 A  1 % ± 5 counts  Averaging	0 to 99.9 mA 4-20 mA is 0.2 % ± 5 counts	1000 MCM  0 to 35 A 2 % ± 3 counts  True-rms	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac Accuracy ac voltage  Voltage range dc Accuracy dc voltage  Resistance range Frequency measurement range  Unit power Auto off	1250 MCM  0 to 60 A  1 % ± 5 counts  Averaging	0 to 99.9 mA 4-20 mA is 0.2 % ± 5 counts	1000 MCM  0 to 35 A 2 % ± 3 counts  True-rms	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts
Specifications Jaw opening Max wire size  Current range ac rms Accuracy ac current (50/60 Hz)  AC Response Current range dc Accuracy dc current  Voltage range ac Accuracy ac voltage  Voltage range dc Accuracy dc voltage  Resistance range Frequency measurement range Unit power Auto off Warranty and safety	1250 MCM  0 to 60 A  1 % ± 5 counts  Averaging	0 to 99.9 mA 4-20 mA is 0.2 % ± 5 counts	1000 MCM  0 to 35 A 2 % ± 3 counts  True-rms  0 to 1500 Ω	58 mm (2.3 in) 750 MCM or three 500 MCM  0 to 1400 A  ± 3 % ± 5 counts  True-rms  0 to 2000 A  ± 1.5 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts  0 to 825 V  ± 1 % ± 5 counts

<sup>\*</sup>Not available for sale in Canada

#### **Education/Support**

### **ABCs of Clamp Meters**

What is a clamp meter and what can it do? What measurements can be made with a clamp meter? How do you get the most out of a clamp meter? Which clamp meter is best suited to the environment the meter will be used in? Find the answers to these questions and more in our Clamp Meter ABCs application note. www.fluke.com/clampABCs

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