

Clamp Meter selection chart

	Job functions	Applications	Recommended clamp
General Purpose	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 Electrical Contractor Commercial Electrician	Conduct front line troubleshooting of 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	Xey 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
	Electrical Contractor Commercial Electrician Electric Utility Technician Facility Maintenance Utility Technician	Basic troubleshooting of ac and dc systems • Measure dc current in battery powered devices, security systems, etc. • Measure motor start-up and run current • Capacitance for motor start and run capacitors • Check balance and loading in service panels	Rey features Measure up to 600 A ac and A dc True-rms to more accurately measure the actual current, even with distorted wave-forms caused by noisy loads 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 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 Plant Maintenance HVAC/R Specialist	Advanced troubleshooting of ac and dc systems Large motors and drives, and noisy electrical environments Motor inrush to troubleshoot current protection devices Output of variable speed motors and drives	375 True-rms AC/DC Clamp Meter Key features • 500 mV measurement range to interface with other accessories • Integrated low pass filter and state of the art signal processing allows for use in noisy electrical environments while providing stable readings • Frequency measurement to 500 Hz with both jaw and iFlex • 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 • Measure true-rms voltage, capacitance, resistance and continuity • CAT IV 600 V, CAT III 1000 V

Clamp Meter selection chart cont.

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

Recommended clamp



Job functions

Applications

Genuine Fluke Accessories

When your job depends on every tool in your toolbox, Genuine Fluke Accessories keep you working.

Visit **www.fluke.com/accessory** to search our accessory inventory by product model, accessory model or category.

Clamp meter specifications

	Commercial/industrial electrical		Residential/commercial electrical		General purpose	
	T5-600	T5-1000	321	322	365	373
Measurements						
AC current	•	•	•	•	•	•
AC voltage	•	•	•	•	•	•
Resistance	•	•	•	•	•	•
Continuity	•	•	•	•	•	•
DC volts	•	•		•	•	•
DC current					•	
True-rms					•	•
Frequency						
AC + DC voltage						
AC + DC current						
Min/Max/Ävg						
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 Display hold Backlight	•	•	•	•	•	•
Display Display hold	•	•	•	•	•	•
Display Display hold Backlight Graphing display		12.9 mm (0.5 in)	25.4 mm (1.0 in)		•	32 mm (1.26 in)
Display Display hold Backlight Graphing display Specifications	12.9 mm (0.5 in) 1/0 THHN Cable		25.4 mm (1.0 in) 500 MCM	25.4 mm (1.0 in) 500 MCM	•	32 mm (1.26 in) 750 MCM
Display Display hold Backlight Graphing display Specifications Jaw opening Max wire size	12.9 mm (0.5 in)	12.9 mm (0.5 in)		25.4 mm (1.0 in)	18 mm (0.7 in)	, ,
Display Display hold Backlight Graphing display Specifications Jaw opening	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 %	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 %	500 MCM 0 to 400.0 A 1.8 %	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 %	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 A 2 %	750 MCM 0 to 600.0 A 2 %
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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 A 2 % ± 5 counts	750 MCM 0 to 600.0 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	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 %	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 %	500 MCM 0 to 400.0 A 1.8 %	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 %	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 A 2 % ± 5 counts True-rms	750 MCM 0 to 600.0 A 2 %
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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 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 %	750 MCM 0 to 600.0 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 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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging	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	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms
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 %	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 %	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 %	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 A 2 % ± 5 counts True-rms 0 to 200 A 2 % ± 5 counts 0 to 600.0 V 2 %	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 V 1 %
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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 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 0 to 600.0 V 2 % ± 5 counts	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 V 1 % ± 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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 %	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 600.0 V	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 0 to 600.0 V	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
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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 600.0 V 1 % ± 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 0 to 600.0 V 2 % ± 5 counts	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 1 % ± 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 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 %	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 %	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 600.0 V 1 %	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 0 to 600.0 V 2 %	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 1 %
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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 600.0 V 1 % ± 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 0 to 600.0 V 2 % ± 5 counts	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 1 % ± 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 % ± 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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 600.0 V 1 % ± 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 0 to 600.0 V 2 % ± 5 counts	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 1 % ± 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	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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 600.0 V 1 % ± 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 0 to 600.0 V 2 % ± 5 counts	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 1 % ± 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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 400 Ω	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 600.0 V 1 % ± 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 0 to 600.0 V 2 % ± 5 counts	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 1 % ± 5 counts 0 to 600.0 V 1 % 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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 400 Ω	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 600.0 V 1 % ± 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 0 to 600.0 V 2 % ± 5 counts	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 1 % ± 5 counts 0 to 600.0 V 1 % 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 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	500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 400 Ω	25.4 mm (1.0 in) 500 MCM 0 to 400.0 A 1.8 % ± 5 counts Averaging 0 to 600.0 V 1.2 % ± 5 counts 0 to 600.0 V 1 % 1 5 counts 0 to 400 Ω	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 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V	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 1 % ± 5 counts 0 to 600.0 V

General purpose		Industrial electrical		HVAC/R	High end ind	ustrial, utility iFlex accessor	
374	375	376	381	902	353	355	i2500-10/ i2500-18
•	•	•	•	•	•	•	•
•	•	•	•	•		•	
•	•	•	•	•		•	
•	•	•	•	•		•	
•	•	•	•	•		-	
•	•	•	•	•	•	•	•
	•	•	•		•	•	•
						•	
					•	•	_
•	•	•	•	•	•	•	•
				•			
•	•	•	•	•			
•	•	•	•		•	•	•
	<u> </u>	•	•		•	•	
Optional	Optional	Included	Included				
Optional	Optional	Optional	Optional				
			•				
					-	•	
•	•	•	•	•	•	•	
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)	7.5 mm coil
34 mm (1.33 in) 750 MCM	34 mm (1.33 in) 750 MCM	34 mm (1.33 in) 750 MCM	34 mm (1.33 in) 750 MCM	30.5 mm (1.2 in) 750 MCM	` '	58 mm (2.3 in) 750 MCM or three 500 MCM	7.5 mm coil
750 MCM 0 to 600.0 A	750 MCM 0 to 600.0 A	750 MCM 0 to 999.9 A	750 MCM 0 to 999.9 A	750 MCM O to 600.0 A	750 MCM or three 500 MCM 0 to 1400 A	750 MCM or three 500 MCM 0 to 1400 A	0 to 2500 A
750 MCM O to 600.0 A 2 %	750 MCM 0 to 600.0 A 2 %	750 MCM 0 to 999.9 A 2 %	750 MCM 0 to 999.9 A 2 %	750 MCM 0 to 600.0 A 2 %	750 MCM or three 500 MCM 0 to 1400 A 1.5 %	750 MCM or three 500 MCM 0 to 1400 A 1.5 %	0 to 2500 A 3 %
750 MCM 0 to 600.0 A	750 MCM 0 to 600.0 A	750 MCM 0 to 999.9 A	750 MCM 0 to 999.9 A	750 MCM 0 to 600.0 A 2 % ± 5 counts	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts	750 MCM or three 500 MCM 0 to 1400 A	0 to 2500 A
750 MCM 0 to 600.0 A 2 % ± 5 counts	750 MCM 0 to 600.0 A 2 % ± 5 counts	750 MCM 0 to 999.9 A 2 % ± 5 counts	750 MCM 0 to 999.9 A 2 % ± 5 counts	750 MCM 0 to 600.0 A 2 %	750 MCM or three 500 MCM 0 to 1400 A 1.5 %	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts	0 to 2500 A 3 % ± 5 counts
750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A 2 %	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A 2 %	750 MCM 0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 %	750 MCM 0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 %	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 200 μA 1 %	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	0 to 2500 A 3 % ± 5 counts
750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts	750 MCM 0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts	750 MCM 0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 200 µA 1 % ± 5 counts	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A	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 2500 A 3 % ± 5 counts
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	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	750 MCM 0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts O to 1000 V	750 MCM 0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts O to 1000 V	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 200 μA 1 % ± 5 counts 600.0 V	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts	750 MCM 0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts	750 MCM 0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 200 µA 1 % ± 5 counts	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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 2500 A 3 % ± 5 counts
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 %	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 %	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 %	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 %	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 200 μA 1 % ± 5 counts 600.0 V 1 %	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
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 %	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 %	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 %	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 %	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 0 to 600.0 V 1 %	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
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	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	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	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	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 0 to 600.0 V 1 % ± 5 counts	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
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 %	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 %	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 %	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 %	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 0 to 600.0 V 1 %	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
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	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 % 1 % 1 % 1 % 1 % 1 % 1 % 1	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	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	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 0 to 600.0 V 1 % ± 5 counts	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 % ± 5 counts	$750 \ \text{MCM} \ \text{ or three} \\ 500 \ \text{MCM} \\ \hline 0 \ \text{to } 1400 \ \text{A} \\ \hline 1.5 \ \% \\ \pm 5 \ \text{counts} \\ \hline \text{True-rms} \\ \hline 0 \ \text{to } 2000 \ \text{A} \\ \hline 1.5 \ \% \\ \pm 5 \ \text{counts} \\ \hline 0 \ \text{to } 600.0 \ \text{V} \\ \hline 1 \ \% \\ \pm 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \pm 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \pm 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 100000 \ \text{V} \\ \hline 0 \ \text{to } 1000000 \ \text{V} \\ \hline 0 \ \text{to } 100000000000000000000000000000000000$	0 to 2500 A 3 % ± 5 counts True-rms
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	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 % 1 % 1 % 1 % 1 % 1 % 1 % 1	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	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	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 0 to 600.0 V 1 % ± 5 counts	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 % ± 5 counts	$750 \ \text{MCM} \ \text{ or three} \\ 500 \ \text{MCM} \\ \hline 0 \ \text{to } 1400 \ \text{A} \\ \hline 1.5 \ \% \\ \pm 5 \ \text{counts} \\ \hline \text{True-rms} \\ \hline 0 \ \text{to } 2000 \ \text{A} \\ \hline 1.5 \ \% \\ \pm 5 \ \text{counts} \\ \hline 0 \ \text{to } 600.0 \ \text{V} \\ \hline 1 \ \% \\ \pm 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \pm 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \pm 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 10000 \ \text{V} \\ \hline 0 \ \text{to } 100000 \ \text{V} \\ \hline 0 \ \text{to } 1000000 \ \text{V} \\ \hline 0 \ \text{to } 100000000000000000000000000000000000$	0 to 2500 A 3 % ± 5 counts True-rms
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	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 6000 Ω	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	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	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 0 to 600.0 V 1 % 0 to 9999 Ω	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 % ± 5 counts	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 5 to 1000 Hz	0 to 2500 A 3 % ± 5 counts True-rms
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	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 6000 Ω	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	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	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 0 to 600.0 V 1 % ± 5 counts	750 MCM or three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 % ± 5 counts	$750 \ \text{MCM} \ \text{ or three} \\ 500 \ \text{MCM} \\ \hline 0 \ \text{to } 1400 \ \text{A} \\ \hline 1.5 \ \% \\ \pm 5 \ \text{counts} \\ \hline \text{True-rms} \\ \hline 0 \ \text{to } 2000 \ \text{A} \\ \hline 1.5 \ \% \\ \pm 5 \ \text{counts} \\ \hline 0 \ \text{to } 600.0 \ \text{V} \\ \hline 1 \ \% \\ \pm 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \pm 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{V} \\ \hline 1 \ \% \\ \hline 5 \ \text{counts} \\ \hline 0 \ \text{to } 1000 \ \text{K}\Omega \\ \hline 5 \ \text{to } 1000 \ \text{Hz} \\ \hline \end{array}$	0 to 2500 A 3 % ± 5 counts True-rms



Clamp meter specifications cont.

	Leakage	Process	Earth ground	Power quality
	360*	773	1630	345
	\mathcal{A}			
			Last?	
Measurements	161		PO.SUI	/ holical
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	•	•	•	•
Backlight Graphing display	•	•	•	•
Backlight	•	•		•
Backlight Graphing display Specifications Jaw opening	40 mm (1.5 in)	4.5mm (0.177 in)	35 mm (1.38 in)	58 mm (2.3 in)
Backlight Graphing display Specifications	•	•		•
Backlight Graphing display Specifications Jaw opening	40 mm (1.5 in)	4.5mm (0.177 in)	35 mm (1.38 in)	58 mm (2.3 in) 750 MCM or three
Backlight Graphing display Specifications Jaw opening Max wire size	40 mm (1.5 in) 1250 MCM	4.5mm (0.177 in)	35 mm (1.38 in) 1000 MCM	58 mm (2.3 in) 750 MCM or three 500 MCM
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms	40 mm (1.5 in) 1250 MCM 0 to 60 A	4.5mm (0.177 in)	35 mm (1.38 in) 1000 MCM 0 to 35 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 %	4.5mm (0.177 in)	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 %	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 %
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in)	35 mm (1.38 in) 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
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 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
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG	35 mm (1.38 in) 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
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 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 %
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 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
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 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 %
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 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 %
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 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
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 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
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 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 %
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 % ± 5 counts	35 mm (1.38 in) 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
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 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
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts Averaging	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 % ± 5 counts	35 mm (1.38 in) 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
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	40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % ± 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 % ± 5 counts	35 mm (1.38 in) 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

^{*}Not available for sale in Canada

Fluke. Keeping your world up and running.®

© 2008-2010 Fluke Corporation. Specifications subject to change without notice. Printed in U.S.A. 9/2010 3363537 B-EN-N Rev A

Modification of this document is not permitted without written permission from Fluke Corporation.

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

mA Loop Webinar

Learn how to test and troubleshoot 4 mA to 20 mA control loops with this Fluke webinar. Visit the link below to register and participate. www.fluke.com/mALoopWebinar

Machine Health Newsletter

Simple as a screw driver and useful as a pair of work boots: that's our goal for Machine Health. We want to make your job easier, and help you keep the machines you care for up, running and delivering value. Visit the link below to find ideas and information on troubleshooting techniques and preventative solutions. www.fluke.com/machinehealth

Motors and Drives Solution Center

Subscribe to this bi-monthly newsletter and learn about machine health—how to anticipate and identify problems and how to troubleshoot them. www.fluke.com/motors_solutions