

Clamp Meter selection chart

	Job functions	Applications	Recommended clamp		
	Plant Maintenance	Multiple placement potential for large	365 True-rms AC Clamp Meter		
	Process Technician/ Electrician Automation Specialist	facilities allows units to be left in place	 Rey 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	Rey 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	Basic troubleshooting of ac and dc	374 True-rms AC/DC Clamp Meter		
	Commercial Electrician	Measure dc current in battery powered	 Key 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 		
	Electric Utility Technician	devices, security systems, etc.			
	Facility Maintenance	Measure motor start-up and run current Capacitance for motor start and run			
	Utility Technician	 capacitors Check balance and loading in service panels 	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	Advanced troubleshooting of ac and dc	375 True-rms AC/DC Clamp Meter		
1	Plant Maintenance	• Large motors and drives, and noisy	Key features500 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 	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		



	Job functions	Applications	Recommended clamp		
	Industrial Electrician	Fully featured model for electrical and	376 True-rms AC/DC Clamp Meter		
	Plant Maintenance	industrial professionals who need to conduct advanced troubleshooting of ac	with iFlex™		
Electrical	Facility Maintenance	 and dc systems in any environment Measure 1000 A ac or dc with fixed jaw to measure current in motors, vaults and bus bars 2500 A ac capability with iFlex flexible current probe; fits around tight and awkward conductors Clamp around bus bars or conductors in service panels to measure loads and line frequency in circuits 	 Key features Measure up to 1000 A ac and A dc Inputs for 1000 V ac and V dc, 60 kΩ resistance and continuity Includes the new i2500-18 and i2500-10 iFlex flexible current probes, which expands the measurement range to 2500 A ac and provides increased display flexibility Narrow, elongated jaw with large opening easily singles out the conductor of interest True-rms to more accurately measure the actual current, even with distorted wave-forms caused by noisy loads CAT IV 600 V, CAT III 1000 V 		
	Industrial Electrician	Fully featured model for electrical and industrial professionals who need to	381 Remote Display True-rms AC/DC		
Industrial	Industrial Service Electrician	conduct advanced troubleshooting of ac and dc systems in any environment	Clamp Meter with iFlex™ Key features		
Indi	Plant Maintenance	Measure 1000 A ac or dc with fixed jaw	Wireless technology allows remote display to be carried up to 30 ft away from point of measurement Removable magnetic display can be conveniently mounted where it is easily seen Includes the new i2500-18 and i2500-10 iFlex flexible current probes, which expands the measurement range to 2500 A ac and provides increased display flexibility AC and dc current, ac and dc voltage, resistance, frequency, continuity, capacitance, min/max and inrush low pass filter Large, easy to read backlight display automatically sets the correct measurement range CAT IV 600 V, CAT III 1000 V		
	Facility Maintenance	to measure current in motors, vaults and bus bars			
		 2500 A ac capability with iFlex flexible current probe; fits around tight and awkward conductors Clamp around bus bars or conductors in service panels to measure loads and line frequency in circuits 			
	Commercial/Industrial Electrician	Industrial troubleshooting in low current ac and dc applications where access is	iFlex™ i2500 Flexible Current Probes		
	Facility/Plant Maintenance	difficult • Access to tight wiring in locations such as PLC cabinets	Measure up to 2500 A ac current with select Fluke clamp meters		
essory	HVAC/R Specialist	1 10 outside	 Provides increased display flexibility and ability to measure awkward sized conductors 		
Access			Works with frequency, inrush and min/max function 7.5 mm coil diameter allows measurement in tight spaces Available in 10-inch and 18-inch lengths CAT IV 600 V, CAT III 1000 V		
<u>a</u>	Commercial Electrical Contractor	Verify circuit integrity and operation • Measure load current, ac voltage and	325 True-rms Clamp Meter Key features		
Electrical	Industrial Electrical Contractor	continuity of switches, fuses and contacts Feeder Cables • Check balance and loading of feeder cables	Measure up to 400 A ac and dc		
Elec	Plant Maintenance		O.01 A resolution in the 40 A range for more precise measurements Compact form factor to make measurements easily		
Resi/Comm			in tight cable compartments Measure ac and dc voltage to 600 V Resistance, continuity, temperature, capacitance and 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	 360 AC Leakage Current Clamp Meter Key features • 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 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
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	 1630 Earth Ground Clamp Meter Key features Measure from 0.025 Ω to 1500 Ω ground loop resistance Large jaw for clamping around the widest range of ground conductors or grounding bars 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	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	773 Milliamp Process Clamp Meter Key features • Saves time and money by easily measuring 4-20 mA signals • 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

	Job functions	Applications	Recommended clamp
Power Quality	Electrical and Field Service Technician HVAC/R Technician Electrical Engineer Commercial Electrician Facility Maintenance Electrician Electric Utility Engineer	Measuring non-linear loads Setup and troubleshoot variable frequency drives and UPS systems—Verify correct operation by measuring key power quality parameters Harmonic measurements Uncover harmonic issues that can damage or disrupt critical equipment Troubleshooting start-up current issues Check start-up current where spurious resets or nuisance circuit breaker tripping occurs Load studies Verify electrical system capacity before adding loads	345 Power Quality Clamp Meter Key features • AC/DC current: Clamp-on measurement of current up to 1400 A ac rms and 2000 A dc • CAT IV 600 V rated for use at the service entrance • Accurate in noisy environments: Using low-pass filter, the clamp meter performs even with distorted waveforms • Data logging: Identify intermittent faults by logging any power quality parameter for minutes, or over a month • Troubleshoot harmonics: Analyze and log harmonics digitally or graphically • Inrush current: Capture and analyze nuisance tripping, from 3 seconds to 300 seconds • CAT IV 600 V, CAT III 1000 V
High-End Industrial Utility	Industrial Service Electrician Electrical Contractor Electric Utility Technician Marine or Welding Electrician Facility Maintenance Electrician	Service panel, service entrance and low voltage vaults In the service panel, clamp around each individual phase. Good for large single or parallel conductors In the service entrance, clamp around busbars, up to 2.5 in, to verify expected current usage Measure current in conductors of low-voltage vaults (1000 V or less) Working with large loads Verify operation of large load service panels, switchgears, large current DC systems and motors	 355 True-rms 2000 A Clamp Meter Key features Up to 2000 A dc, 1400 A ac current measurement Large jaw suitable for single or multiple large conductors CAT IV 600 V rated for maximum application versatility Inputs for 600 V ac, 1000 V dc, 400 KΩ resistance and continuity Low pass filter, min/max/avg and inrush current Accurately measure frequency of current and voltage up to 1 kHz CAT IV 600 V, CAT III 1000 V
HVAC/R	HVAC/R Service Technician	Checking boilers and furnaces Capture flue gas temperatures and perform flame rod testing HVAC motors and drives Measure start and run motor capacitors Troubleshoot compressor electrical motor faults Measure performance of variable frequency drives Testing electrical performance Measure load-side and supply-side current and voltage Measure current and voltage phase balance on 3 phase systems	902 True-rms HVAC Clamp Meter Key features • Measure current up to 600 A ac and up to 200 µA dc • Measure true-rms voltage, capacitance, resistance and continuity • Measure contact temperature with included Type-K temperature probe. (Or measure the outside temperature of a pipe with the 80PK-8 Pipe Clamp Temperature Probe, sold separately) • CAT III 600 V



Genuine Fluke Accessories

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

Clamp meter specifications

		l/industrial	Res	idential/commer	cial	General
		rical	000	electrical		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		l				
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	•	•	•	•	•	•
Display Display hold Backlight	•	•	•	•	•	-
Display Display hold Backlight Graphing display	•	•	•			•
Display Display hold Backlight Graphing display Specifications				•	•	•
Display Display hold Backlight Graphing display Specifications Jaw opening	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	12.9 mm (0.5 in) 1/0 THHN Cable	30 mm (1.18 in) 600 MCM	30 mm (1.18 in) 600 MCM	30 mm (1.18 in) 600 MCM	18 mm (0.7 in) 17 mm (0.67 in)
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	30 mm (1.18 in) 600 MCM 0 to 40.00 A/ 400.0 A	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	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 3 %	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 Accuracy ac current (50/60 Hz) AC Response	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 3 %	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 %	0 mm (1.18 in) 600 MCM 0 to 40.00 A/ 400.0 A 2 % ± 5 counts True-rms	18 mm (0.7 in) 17 mm (0.67 in) 0 to 200.0 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	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	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 Accuracy dc current Voltage range ac	12.9 mm (0.5 in) 1/0 THHN Cable 0 to 100.0 A 3 % ± 3 counts Averaging 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	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	0 to 40.00 A/ 400.0 A 2 % ± 5 counts True-rms 0 to 40.00 A 2 % ± 5 counts 0 to 40.00 A/400.0 A 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
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) 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	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 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 %	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 %	● 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 %	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 %
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	0 to 40.00 A/ 400.0 A/ 400.0 A/ ± 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 % ± 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	0 to 40.00 A/ 400.0 A/ 400.0 A/ ± 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	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	0 to 40.00 A/ 400.0 A/ 400.0 A/ ± 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	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 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 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/ 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 40.00 V 1.0 % 5 counts 0 to 40 kΩ 5 Hz to 500 Hz	• 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 % t 5 counts 0 to 600.0 V 0 to 600.0 V





	General purpose		Industrial	electrical	HVAC/R	High end ind	ustrial, utility	iFlex accessory
373	374	375	376	381	902	353	355	i2500-10/ i2500-18
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•		•	
•	•	•	•	•	•		•	
•	•	•	•	•	•		•	
•	•	•	•	•	•		•	
	•	•	•	•	•	•	•	
•	•	•	•	•	•	•	•	•
		•	•	•		•	•	•
						•	•	
	•	•	•	•	•	•	•	•
			•	•	•	•	•	,
					•			
•	•	•	•	•	•			
	•	•	•	•		•	•	•
		•	•	•		•	•	
	0 1: 1	0 1: 1						
	Optional	Optional	Included Optional	Included Optional				
	Optional	Optional	Optional	• Optional				
			<u> </u>					
•	•	•	•	•	•	•	•	
•	•	•	•	•	•	•	•	
22 mm (1 26 in)	24 mm (1 22 in)	24 mm (1 22 in)	24 mm (1 22 in)	24 mm /1 22 in)	20 F mm (1 2 in)	F0 mm (2.2 in)	E0 mm /2 2 in)	7.5 mm coil
32 mm (1.26 in) 750 MCM	34 mm (1.33 m)	34 mm (1.33 m)	34 mm (1.33 m)	34 mm (1.33 in)	30.5 mm (1.2 m)	58 mm (2.3 in)	58 mm (2.3 in)	
750 MOM	750 MCM		750 M/CM	750 MOM	750 MCM	750 MCM or	750 MCM or	7.0 mm con
	750 MCM	750 MCM	750 MCM	750 MCM	750 MCM	750 MCM or three 500 MCM	750 MCM or three 500 MCM	7.0 mm con
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			0 to 2500 A
0 to 600.0 A		750 MCM				three 500 MCM	three 500 MCM	
	0 to 600.0 A	750 MCM 0 to 600.0 A	0 to 999.9 A 2 % ± 5 counts	0 to 999.9 A	0 to 600.0 A	0 to 1400 A	three 500 MCM 0 to 1400 A	0 to 2500 A 3 % ± 5 counts
2 %	0 to 600.0 A 2 % ± 5 counts True-rms	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms	0 to 999.9 A 2 % ± 5 counts True-rms	0 to 999.9 A 2 % ± 5 counts True-rms	0 to 600.0 A 2 % ± 5 counts True-rms	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms	O to 2500 A
2 % ± 5 counts	0 to 600.0 A 2 % ± 5 counts	750 MCM 0 to 600.0 A 2 % ± 5 counts	0 to 999.9 A 2 % ± 5 counts	0 to 999.9 A 2 % ± 5 counts	0 to 600.0 A 2 % ± 5 counts	1.5 % ± 5 counts	three 500 MCM O to 1400 A 1.5 % ± 5 counts	0 to 2500 A 3 % ± 5 counts
2 % ± 5 counts	0 to 600.0 A 2 % ± 5 counts True-rms	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms	0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A	0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A	0 to 600.0 A 2 % ± 5 counts True-rms	1.5 % ± 5 counts True-rms O to 2000 A	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms	0 to 2500 A 3 % ± 5 counts
2 % ± 5 counts	0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A	750 MCM 0 to 600.0 A 2 % ± 5 counts True-rms 0 to 600.0 A	0 to 999.9 A 2 % ± 5 counts True-rms	0 to 999.9 A 2 % ± 5 counts True-rms	0 to 600.0 A 2 % ± 5 counts True-rms 0 to 200 μA	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A	0 to 2500 A 3 % ± 5 counts
2 % ± 5 counts True-rms	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	0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts 0 to 1000 V	0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 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	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
2 % ± 5 counts True-rms 0 to 600.0 V	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 %	0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts 0 to 1000 V 1.5 %	0 to 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts 0 to 1000 V 1.5 %	0 to 600.0 A 2 % ± 5 counts True-rms 0 to 200 μA 1 % ± 5 counts 600.0 V 1 %	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
2 % ± 5 counts True-rms 0 to 600.0 V 1 % ± 5 counts	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	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 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 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts 0 to 1000 V 1.5 % ± 5 counts	2 % ± 5 counts True-rms 0 to 200 μA 1 % ± 5 counts 600.0 V 1 % ± 5 counts	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
2 % ± 5 counts True-rms 0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V	2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts 0 to 600.0 A 2 % ± 5 counts 0 to 600.0 V 1.5 % ± 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	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	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	2 % ± 5 counts True-rms 0 to 200 μA 1 % ± 5 counts 600.0 V 1 % ± 5 counts 0 to 600.0 V	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
2 % ± 5 counts True-rms 0 to 600.0 V 1 % ± 5 counts	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	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 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 999.9 A 2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts 0 to 1000 V 1.5 % ± 5 counts	2 % ± 5 counts True-rms 0 to 200 μA 1 % ± 5 counts 600.0 V 1 % ± 5 counts	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
2 % ± 5 counts True-rms 0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 %	2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts 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 %	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 %	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 %	2 % ± 5 counts True-rms 0 to 200 μA 1 % ± 5 counts 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 %	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
2 % ± 5 counts True-rms 0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts 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	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	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	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	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 %	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
2 % ± 5 counts True-rms 0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts 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 % 0 to 600.0 V	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	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	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	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 % ± 5 counts	$ \begin{array}{c} \text{three 500 MCM} \\ \text{O to 1400 A} \\ \\ \hline 1.5 \% \\ \pm 5 \text{ counts} \\ \\ \hline \text{True-rms} \\ \text{O to 2000 A} \\ \\ \hline 1.5 \% \\ \pm 5 \text{ counts} \\ \\ \text{O to 600.0 V} \\ \hline 1 \% \\ \pm 5 \text{ counts} \\ \\ \text{O to 1000 V} \\ \hline 1 \% \\ \pm 5 \text{ counts} \\ \\ \text{O to 400 K} \\ \hline \text{O to 400 K} \\ \hline \end{array} $	0 to 2500 A 3 % ± 5 counts True-rms
2 % ± 5 counts True-rms 0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts 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 % 0 to 600.0 V	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	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	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	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 % ± 5 counts	$ \begin{array}{c} \text{three 500 MCM} \\ \text{O to 1400 A} \\ \\ \hline 1.5 \% \\ \pm 5 \text{ counts} \\ \\ \hline \text{True-rms} \\ \text{O to 2000 A} \\ \\ \hline 1.5 \% \\ \pm 5 \text{ counts} \\ \\ \text{O to 600.0 V} \\ \hline 1 \% \\ \pm 5 \text{ counts} \\ \\ \text{O to 1000 V} \\ \hline 1 \% \\ \pm 5 \text{ counts} \\ \\ \text{O to 400 K} \\ \hline \text{O to 400 K} \\ \hline \end{array} $	0 to 2500 A 3 % ± 5 counts True-rms
2 % ± 5 counts True-rms 0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 6000 Ω	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 %	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 6000 Ω 500 Hz	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	2 % ± 5 counts True-rms 0 to 999.9 A 2 % ± 5 counts 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	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 600.0 V 0 to 9999 Ω	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 % ± 5 counts 5 to 1000 Hz	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
2 % ± 5 counts True-rms 0 to 600.0 V 1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 6000 Ω	2 % ± 5 counts True-rms 0 to 600.0 A 2 % ± 5 counts 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 % 0 to 600.0 V	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	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	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 600.0 V 0 to 9999 Ω	three 500 MCM 0 to 1400 A 1.5 % ± 5 counts True-rms 0 to 2000 A 1.5 % ± 5 counts 5 to 1000 Hz	$ \begin{array}{c} \text{three 500 MCM} \\ \text{O to 1400 A} \\ \\ \hline 1.5 \% \\ \pm 5 \text{ counts} \\ \\ \hline \text{True-rms} \\ \text{O to 2000 A} \\ \\ \hline 1.5 \% \\ \pm 5 \text{ counts} \\ \\ \text{O to 600.0 V} \\ \hline 1 \% \\ \pm 5 \text{ counts} \\ \\ \text{O to 1000 V} \\ \hline 1 \% \\ \pm 5 \text{ counts} \\ \\ \text{O to 400 K} \\ \hline \text{O to 400 K} \\ \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
	Q			
	\mathcal{I}			
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	•	•	•	•
Display hold Backlight	•	•	•	•
			•	
Backlight			•	•
Backlight Graphing display			35 mm (1.38 in)	•
Backlight Graphing display Specifications	•	•		•
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)	58 mm (2.3 in) 750 MCM or three
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz)	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 %	4.5mm (0.177 in) 6 AWG	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 % ± 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	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
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 % ± 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	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
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	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
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
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 O to 1400 A ± 3 % ± 5 counts True-rms O to 2000 A ± 1.5 % ± 5 counts 0 to 825 V ± 1 % ± 5 counts O 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	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 O to 1400 A ± 3 % ± 5 counts True-rms O to 2000 A ± 1.5 % ± 5 counts 0 to 825 V ± 1 % ± 5 counts O 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 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	• • • • • • • • • • • • • • • • • • •
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 O to 1400 A ± 3 % ± 5 counts True-rms O to 2000 A ± 1.5 % ± 5 counts 0 to 825 V ± 1 % ± 5 counts O 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 0 to 1500 Ω	● 58 mm (2.3 in) 750 MCM or three 500 MCM O to 1400 A ± 3 % ± 5 counts True-rms O to 2000 A ± 1.5 % ± 5 counts 0 to 825 V ± 1 % ± 5 counts O to 825 V ± 1 % ± 5 counts 15 to 1000 Hz
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 Warranty (years)	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 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
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 0 to 1500 Ω	● 58 mm (2.3 in) 750 MCM or three 500 MCM O to 1400 A ± 3 % ± 5 counts True-rms O to 2000 A ± 1.5 % ± 5 counts 0 to 825 V ± 1 % ± 5 counts O to 825 V ± 1 % ± 5 counts 15 to 1000 Hz

^{*}Not available for sale in Canada

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