	Reside	ential/comn electrical	nercial	General purpose				Industrial electrical	HVAC/R	High end industrial, utility		iFlex accessory	Fluke Connect™			Leakage
	323	324	325	365	373	374	375	376/381 902	902	353	355	i2500-10/ i2500-18	a3000FC	a3001FC¹	a3002FC¹	360
Measurements																
AC current	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AC volts	•	•	•	•	•	•	•	•	•		•				•	
Resistance	•	•	•	•	•	•	•	•	•		•					
Continuity	•	•	•	•	•	•	•	•	•		•					
DC Volts	•	•	•	•	•	•	•	•	•		•					
DC current			•	•		•	•	•	•	•	•				•	
True-rms	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Frequency			•				•	•		•	•	•				
AC + DC voltage											•					
AC + DC current										•	•					
Min/Max/Avg						•	•	•	•	•	•	•	•	•	•	
Temperature		•	•						•							
Capacitance		•	•		•	•	•	•	•							
Special features																
Inrush current mode			I			•	•	•		•	•	•	•	•		
						•		-		•	•		•	•		
Low Pass filter							•	•		•	•		, , ,		, , ,	
Harmonics, power, data logging													-/-/●	-/-/•	-/-/●	
18" iFlex Flexible Current Probe						Optional	Optional	Included								
10" iFlex Flexible Current Probe						Optional	Optional	Optional						•		
Remote display								-/●								
Flashlight/torch				•												
Display																
Display hold	•	•	•	•	•	•	•	•	•	•	•					•
Backlight		•	•	•	•	•	•	•	•	•	•		•	•	•	
Specifications																
Jaw opening	30 mm	30 mm	30 mm	18 mm	32 mm	34 mm	34 mm	34 mm	30.5 mm	58 mm	58 mm	7.5 mm coil	34 mm	254 mm		40 mm
Current range ac rms	0 to 400.0 A	0 to 400.0 A	0 to 400.0 A	0 to 200.0 A	0 to 600.0 A	0 to 600.0 A	0 to 600.0 A	0 to 999.9 A	0 to 600.0 A	0 to 1400 A	0 to 1400 A	0 to 2500 A	0.5 to 400 A	0.5 to 2500 A	0.5 to 600 A	0 to 60 A
Accuracy ac current (50/60 Hz)	2,00% ± 5 counts	1,50% ± 5 counts	2,00% ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	1.5 % ± 5 counts	1.5 % ± 5 counts	3 % ± 5 counts	2% ± 5 counts	3% ± 5 counts	AC: 1.0% ±3 counts DC: 0.5% ±3 counts	1 % ± 5 counts
AC Response	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	Averaging
-																
Current range dc			0 to 400A	0 to 200 A		0 to 600.0 A	0 to 600.0 A	0 to 999.9 A	0 to 200 μA	0 to 2000 A	0 to 2000 A				0 to 1000 A	
Current range dc Accuracy dc current			0 to 400A 2 % ± 5 counts	0 to 200 A 2 % ± 5 counts		0 to 600.0 A 2 % ± 5 counts	0 to 600.0 A 2 % ± 5 counts	0 to 999.9 A 2 % ± 5 counts	0 to 200 μA 1 % ± 5 counts	0 to 2000 A 1,5 % ± 5 counts	0 to 2000 A 1,5 % ± 5 counts				0 to 1000 A 0,5 % ± 3 counts	
Accuracy dc current	0 to 600 0 V	0 to 600 0 V	2 % ± 5 counts	2 % ± 5 counts	0 to 600 0 V	2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	1 % ± 5 counts	1,5 %	1,5 % ± 5 counts				0,5 %	
Accuracy dc current Voltage range ac	0 to 600.0 V	0 to 600.0 V	2 % ± 5 counts 0 to 600.0 V	2 % ± 5 counts 0 to 600.0 V	0 to 600.0 V	2 % ± 5 counts 0 to 600.0 V	2 % ± 5 counts 0 to 600.0 V	2 % ± 5 counts 0 to 1000 V	1 % ± 5 counts 600.0 V	1,5 %	1,5 % ± 5 counts 0 to 600.0 V				0,5 %	
Accuracy dc current	1,5%	1,5%	2 % ± 5 counts 0 to 600.0 V 1,5%	2 % ± 5 counts 0 to 600.0 V 2 %	0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 %	2 % ± 5 counts	2 % ± 5 counts 0 to 1000 V 1,5 %	1 % ± 5 counts 600.0 V 1 %	1,5 %	1,5 % ± 5 counts 0 to 600.0 V 1 %				0,5 %	
Accuracy dc current Voltage range ac Accuracy ac voltage	1,5% ± 5 counts	1,5% ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5% ± 5 counts	2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts	1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts	2 % ± 5 counts 0 to 1000 V 1,5 % ± 5 counts	1 % ± 5 counts 600.0 V 1 % ± 5 counts	1,5 %	1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts				0,5 %	
Accuracy de current Voltage range ac Accuracy ac voltage Voltage range dc	1,5% ± 5 counts 0 to 600.0 V	1,5% ± 5 counts 0 to 600.0 V	2 % ± 5 counts 0 to 600.0 V 1,5% ± 5 counts 0 to 600.0 V	2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V	1 % ± 5 counts 0 to 600.0 V	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V	2 % ± 5 counts 0 to 1000 V 1,5 % ± 5 counts 0 to 1000 V	1 % ± 5 counts 600.0 V 1 % ± 5 counts 0 to 600.0 V	1,5 %	1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 1000 V				0,5 %	
Accuracy dc current Voltage range ac Accuracy ac voltage	1,5% ± 5 counts 0 to 600.0 V 1 %	1,5% ± 5 counts 0 to 600.0 V 1 %	2 % ± 5 counts 0 to 600.0 V 1,5% ± 5 counts 0 to 600.0 V 1 %	2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 %	1 % ± 5 counts 0 to 600.0 V 1 %	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 %	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 %	2 % ±5 counts 0 to 1000 V 1,5 % ±5 counts 0 to 1000 V 1 %	1 % ± 5 counts 600.0 V 1 % ± 5 counts 0 to 600.0 V	1,5 %	1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 1000 V 1 %				0,5 %	
Accuracy de current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy de voltage	1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts	1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts	1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ±5 counts 0 to 1000 V 1,5 % ±5 counts 0 to 1000 V 1 % ±5 counts	1% ±5 counts 600.0 V 1% ±5 counts 0 to 600.0 V 1% ±5 counts	1,5 %	1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 1000 V 1 % ± 5 counts				0,5 %	
Accuracy dc current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy dc voltage Resistance range	1,5% ± 5 counts 0 to 600.0 V 1 %	1,5% ± 5 counts 0 to 600.0 V 1 %	2 % ±5 counts 0 to 600.0 V 1,5% ±5 counts 0 to 600.0 V 1 % ±5 counts 0 to 4000 Ω	2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 %	1 % ± 5 counts 0 to 600.0 V 1 %	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 %	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 6000 Ω	2 % ± 5 counts 0 to 1000 V 1,5 % ± 5 counts 0 to 1000 V 1 % ± 5 counts 0 to 60 kΩ	1 % ± 5 counts 600.0 V 1 % ± 5 counts 0 to 600.0 V	1,5 % ± 5 counts	1,5 % ±5 counts 0 to 600.0 V 1 % ±5 counts 0 to 1000 V 1 % ±5 counts 0 to 400 kΩ	50011			0,5 %	
Accuracy de current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy de voltage Resistance range Frequency measurement range	1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts	1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts	1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ±5 counts 0 to 1000 V 1,5 % ±5 counts 0 to 1000 V 1 % ±5 counts	1% ±5 counts 600.0 V 1% ±5 counts 0 to 600.0 V 1% ±5 counts	1,5 %	1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 1000 V 1 % ± 5 counts	500 Hz			0,5 %	
Accuracy de current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy de voltage Resistance range Frequency measurement range Unit power	1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 4000 Ω	1,5% ±5 counts 0 to 600.0 V 1 % ±5 counts 0 to 4000 Ω	2 % ± 5 counts 0 to 600.0 V 1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 4000 Ω 500 Hz	2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts	1% ±5 counts 0 to 600.0 V 1% ±5 counts 0 to 6000 Ω	2 % ±5 counts 0 to 600.0 V 1,5 % ±5 counts 0 to 600.0 V 1 % ±5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 6000 Ω	2 % ±5 counts 0 to 1000 V 1,5 % ±5 counts 0 to 1000 V 1 % ±5 counts 0 to 60 kΩ 500 Hz	1% ±5 counts 600.0 V 1% ±5 counts 0 to 600.0 V 1% ±5 counts	1,5 % ± 5 counts	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	500 Hz			0,5 % ± 3 counts	
Accuracy dc current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy dc voltage Resistance range Frequency measurement range Unit power Auto off	1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts	1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ±5 counts 0 to 600.0 V 1,5% ±5 counts 0 to 600.0 V 1 % ±5 counts 0 to 4000 Ω	2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts	1 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 6000 Ω	2 % ± 5 counts 0 to 1000 V 1,5 % ± 5 counts 0 to 1000 V 1 % ± 5 counts 0 to 60 kΩ	1% ±5 counts 600.0 V 1% ±5 counts 0 to 600.0 V 1% ±5 counts	1,5 % ± 5 counts	1,5 % ±5 counts 0 to 600.0 V 1 % ±5 counts 0 to 1000 V 1 % ±5 counts 0 to 400 kΩ	500 Hz	•		0,5 %	
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	1,5% ±5 counts 0 to 600.0 V 1% ±5 counts 0 to 4000 Ω	1,5% ±5 counts 0 to 600.0 V 1% ±5 counts 0 to 4000 Ω	2 % ± 5 counts 0 to 600.0 V 1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 4000 Ω 500 Hz	2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 6000 Ω	1% ±5 counts 0 to 600.0 V 1% ±5 counts 0 to 6000 Ω	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 6000 Ω	2 % ± 5 counts 0 to 1000 V 1,5 % ± 5 counts 0 to 1000 V 1 % ± 5 counts 0 to 60 kΩ 500 Hz	1% ±5 counts 600.0 V 1% ±5 counts 0 to 600.0 V 1% ±5 counts	1,5 % ± 5 counts	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				0,5 % ± 3 counts	
Accuracy de current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy de voltage Resistance range Frequency measurement range Unit power Auto off	1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 4000 Ω	1,5% ±5 counts 0 to 600.0 V 1 % ±5 counts 0 to 4000 Ω	2 % ± 5 counts 0 to 600.0 V 1,5% ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 4000 Ω 500 Hz	2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts 0 to 600.0 V 2 % ± 5 counts	1% ±5 counts 0 to 600.0 V 1% ±5 counts 0 to 6000 Ω	2 % ±5 counts 0 to 600.0 V 1,5 % ±5 counts 0 to 600.0 V 1 % ±5 counts	2 % ± 5 counts 0 to 600.0 V 1,5 % ± 5 counts 0 to 600.0 V 1 % ± 5 counts 0 to 6000 Ω	2 % ±5 counts 0 to 1000 V 1,5 % ±5 counts 0 to 1000 V 1 % ±5 counts 0 to 60 kΩ 500 Hz	1% ±5 counts 600.0 V 1% ±5 counts 0 to 600.0 V 1% ±5 counts	1,5 % ± 5 counts	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	500 Hz	•	•	0,5 % ± 3 counts	1

¹ Clamp not included