

# Fluke 353/355 AC/DC True-rms Clamp Meters



Fluke 355

## Versatile, professional, accurate

Confidently take reliable readings with the true-rms Fluke 355 and 353 Clamp Meters—the tools of choice for high current clamp-on amp meter measurements up to 2000 A.

- Reliably handle a wide range of high-current applications with 2000 A ac + dc true-rms, 1400 A ac, and 2000 A dc
- Large 58 mm (2.3 in) jaw
- Inrush current measurement
- High voltage measurement of 1000 V ac + dc true-rms, 600 V ac, and 1000 V dc (355 only)
- Resistance to 400 K $\Omega$  (355 only)
- Continuity beeper (355 only)
- Frequency measurement to 1 KHz
- Selectable low-pass filter mode
- Min/Max/Avg
- Large display with backlight

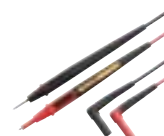
Ordering information on page 6.



Fluke 353

## Recommended accessories

### Fluke 355



**TL175**  
TwistGuard™  
Test Leads  
See page 59



**80TK**  
Thermocouple Module  
See page 61



**C345**  
Large Soft Case  
See page 56



**C1600**  
Gear Tool Box  
See page 56

## Specifications – Clamp meters

	Residential/commercial electrical		General purpose				Industrial electrical		HVAC/R	High-end industrial, utility		iFlex accessory	Leakage
	321	322	365	373	374	375	376	381	902	353	355	i2500-10/ i2500-18	360
<b>Measurements</b>													
AC current	•	•	•	•	•	•	•	•	•	•	•	•	•
AC voltage	•	•	•	•	•	•	•	•	•	•	•	•	•
Resistance	•	•	•	•	•	•	•	•	•	•	•	•	•
Continuity	•	•	•	•	•	•	•	•	•	•	•	•	•
DC volts		•	•	•	•	•	•	•	•	•	•	•	•
DC current			•	•	•	•	•	•	•	•	•	•	•
True-rms			•	•	•	•	•	•	•	•	•	•	•
Frequency					•	•	•	•	•	•	•	•	•
AC + DC voltage												•	•
AC + DC current												•	•
Min/Max/Avg					•	•	•	•	•	•	•	•	•
Temperature									•	•	•	•	•
Capacitance				•	•	•	•	•	•	•	•	•	•
<b>Special features</b>													
Inrush current mode					•	•	•	•	•	•	•	•	•
Low-pass filter						•	•	•	•	•	•	•	•
18 inch iFlex Flexible Current Probe					Optional	Optional	Included	Included					
10 inch iFlex Flexible Current Probe					Optional	Optional	Optional	Optional					
Remote display								•					
Flashlight/torch			•										•
<b>Display</b>													
Display hold	•	•	•	•	•	•	•	•	•	•	•	•	•
Backlight			•	•	•	•	•	•	•	•	•	•	•
<b>Specifications</b>													
Jaw opening	1 in		0.7 in	1.3 in		1.3 in			1.2 in	2.3 in		5.7 in/3.2 in	1.5 in
Max wire size	500 MCM		17 mm (0.67 in)	750 MCM						750 MCM or three 500 MCM			1250 MCM
Current range ac rms	0 to 400.0 A		0 to 200.0 A	0 to 600.0 A		0 to 999.9 A			0 to 600.0 A	0 to 1400 A		0 to 2500 A	0 to 60 A
Accuracy ac current (50/60 Hz)	1.8 % $\pm$ 5 counts		2 % $\pm$ 5 counts							1.5 % $\pm$ 5 counts		3 % $\pm$ 5 counts	1 % $\pm$ 5 counts
AC response	Averaging		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 200 A	0 to 600.0 A		0 to 999.9 A			0 to 200 $\mu$ A	0 to 2000 A			
Accuracy dc current			2 % $\pm$ 5 counts	2 % $\pm$ 5 counts					1 % $\pm$ 5 counts	1.5 % $\pm$ 5 counts			
Voltage range ac	0 to 600.0 V				0 to 1000 V		600.0 V		0 to 600.0 V				
Accuracy ac voltage	1.2 % $\pm$ 5 counts		2 % $\pm$ 5 counts	1 % $\pm$ 5 counts	1.5 % $\pm$ 5 counts		1 % $\pm$ 5 counts		1 % $\pm$ 5 counts				
Voltage range dc	0 to 600.0 V				0 to 1000 V		0 to 600.0 V		0 to 1000 V				
Accuracy dc voltage	1 % $\pm$ 5 counts		2 % $\pm$ 5 counts	1 % $\pm$ 5 counts				1 % $\pm$ 5 counts					
Resistance range	0 to 400 $\Omega$		0 to 6000 $\Omega$				0 to 60 k $\Omega$		0 to 9999 $\Omega$		0 to 400 K $\Omega$		
Frequency measurement range			500 Hz				5 to 1000 Hz		500 Hz				