

# Fluke 350 Series AC/DC True-RMS Clamp Meters



Fluke 355

## Versatile, professional and accurate

Confidently take reliable readings with the True-RMS Fluke 353 and 355 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 (2.28 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 kΩ (355 only)
- Continuity beeper (355 only)
- Frequency measurement to 1 kHz
- Selectable low-pass filter mode
- Min/Max/Avg
- Large display with backlight
- Three-year warranty



Features	353	355
True-RMS measurements	•	•
Display backlight	•	•
Motor start-up current	•	•
Min/Max/Average	•	•
Voltage AC/DC	-	•
Resistance measurement	-	•
Continuity measurement with beeper	-	•

Functions	Range	353	355
Current AC/DC	40.00 A	±(1.5% + 15 digits)	±(1.5% + 15 digits)
	0-400.0 A	±(1.5% ±5 digits)	±(1.5% + 5 digits)
	2000 A; 1400 AC RMS	±(1.5% ±5 digits)	±(1.5% + 5 digits)
Crest Factor		2.4	2.4
Voltage AC/DC	4.00 V	-	±(1% + 10 digits)
	40.00 V	-	±(1% + 5 digits)
	400.0 V	-	±(1% + 5 digits)
	0-600 V AC RMS	-	±(1% + 5 digits)
Resistance	1000 V DC	-	±(1% + 5 digits)
	0-400.0 Ω	-	±(1.5% + 5 digits)
	0-4.00 kΩ	-	±(1.5% + 5 digits)
	0-40.00 kΩ	-	±(1.5% + 5 digits)
Continuity beeper	Appr. ≤ 30 Ω	-	±(1.5% + 5 digits)
Frequency	5.0 Hz to 100.0 Hz	±(0.2% ±2 digits)	±(0.2% + 2 digits)
Power Supply	6 × 1.5 V AA NEDA 15A or IEC LR6		
Battery life	100 hours (with typical usage, backlight off)		
Size (HxWxD)	300 × 98 × 52 mm (11.81 × 3.85 × 2.04 in)		
Jaw opening	58 mm (2.28 in)		
Weight	0.81 kg (1.78 lb)		
Safety Compliance (IEC 61010-2-032)	600 V CAT IV, 1000 V CAT III		

## Recommended Accessories

### Fluke 355



**80TK**  
Thermocouple Module



**TP38**  
Insulated Test Probe



**FTP-1**  
Fuse Test Probe Set



**80PK-8**  
Type K Pipe Thermocouple Probe



**TL175**  
TwistGuard™ Test Leads



**TLK-225**  
SureGrip™ Master Accessory Set



**L215**  
SureGrip™ Electrical Test Lead Set



**TL223-1**  
Test Lead Set



**C345**  
Large Soft Case



**C1600**  
Gear Tool Box

## Included Accessories

**Fluke 353:** C43 Soft Meter Case, Six AA Batteries, User Manual.

**Fluke 355:** C43 Soft Meter Case, Six AA Batteries, TL224 SureGrip™ Silicone Test Lead Set, TP2 Slim Reach Test Probe Set (2 mm), AC285 SureGrip™ Alligator Clip Set, User Manual.

## Ordering Information

**FLUKE-353** True RMS AC/DC Clamp Meter

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Contact your local distributor for price and availability.  
fluke.com/wtb