



AC50A

AC Leakage Clamp

Current clamp multimeter with leakage current capability.

Current clamp multimeter for measuring low AC current in the microamps. Great for applications requiring measurement of leakage and fault currents.

- AC current measurement to 60A
- Leakage current measurement with resolution of 0.01mA
- AC voltage to 400V
- Resistance measurement and continuity beeper
- Min/Max control to see largest or smallest values in a series of measurements
- Relative value measurement to determine differentials
- Data Hold to freeze measurement value on the display
- Digital display with Analog bargraph
- Jaw opening 30 mm (1.2 in)
- Auto-Power-Off to save battery life
- Minimum Resolution 0.01mA

No hassle warranty

No waiting.

No shipping charges.



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)

Included accessories

Batteries, carrying case, test leads, users manual

Optional accessories

TL36A Heavy duty test leads with threaded alligator clips



AC50A AC Leakage Clamp

Data Sheet

Specifications (23° C % 5° C, max. 75 % rel. humidity)

Display:	3-3/4, LCD incl. functions and symbols
Bargraph:	40 segments
Range Selection:	manual
Auto-Power-Off:	approx. 30 min.
Overload display:	the left digit is blinking
Measuring rate:	20 measurements/sec. (Bargraph) 2 measurements/sec. (LCD)
Clamp opening:	ca. 30 mm (1.2")
Overvoltage Category:	CAT II, 600 V, CAT III, 300 V
Pollution degree:	2
Height above MSL:	up to 2000 m, indoor operation
Battery display:	at low battery
Power supply:	Battery 2 x 1,5 V IEC LR6 (alkaline)
Current Consumption:	approx. 10 mA
Operation temperature:	-10° C ... 50° C (14° F... 122° F)
Storage temperature:	-20° C ... 60° C (-4° F... 140° F)
Humidity:	< 75 % relative humidity
Dimension:	183 x 63,6 x 35,6 mm (7.2 x 2.5 x 1.4 inch)
Weight:	ca. 190 g (7 oz)

Range	Resolution	Accuracy	
Current AC			
		50 Hz/60 Hz	40 Hz ... 1 kHz
0 – 40 mA	10 µA	±(1.5 % rdg. +3 D)	±(2.0 % rdg. +5 D)
0 – 400 mA	100 µA		
0 – 4 A	1 mA		
0 – 40 A	10 mA		
0 – 50 A	0.1 A	±(1.5 % rdg. +5 D)	±(2,0 % rdg. +5 D)
50 – 60 A	0.1 A	±(3.0 % rdg. +5 D)	±(3.5 % rdg. +5 D)
Voltage AC			
		50 Hz/60 Hz	40 Hz ... 1 kHz
0...400 V	0.1 V	±(1.0 % rdg. +3 D)	±(2.0 % rdg..± 4 D)

Resistance

Range	Resolution	Accuracy	Overload Protection
400 Ω	0.1 Ω	±(1 % rdg. +3 D)	600 V AC

Continuity

Range	Resolution	Beep	Open Circuit Voltage
Ω/••	0.1 Ω	< ca. 40 Ω	< 0.4 V
Overload Protection 600 V AC			

Amprobe® Test Tools
 website: www.Amprobe.com
 email: info@amprobe.com
 Everett, WA 98203
 Tel: 877-AMPROBE

Amprobe® Test Tools Europe
 In den Engematten 14
 79286 Glottertal, Germany
 Tel.: +49 (0) 7684 8009 - 0