



# 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)

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

Range	Resolution	Accuracy	
<b>Current AC</b>			
		<b>50 Hz/60 Hz</b>	<b>40 Hz ... 1 kHz</b>
0 – 40 mA	10 µA		
0 – 400 mA	100 µA	±(1.5 % rdg. +3 D)	±(2.0 % rdg. +5 D)
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)
<b>Voltage AC</b>			
		<b>50 Hz/60 Hz</b>	<b>40 Hz ... 1 kHz</b>
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**  
 Everett, WA 98203

**Amprobe® Test Tools Europe**  
 In den Engematten 14  
 79286 Glottertal, Germany