

VOLTCRAFT

VOLTCRAFT - RELIABLE AND PRECISE. SINCE 1982.

For more than 40 years, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

VC-1320 AC TRMS LEAKAGE CLAMP METER



Item no. 3431349

Handheld AC TRMS leakage clamp meter

FEATURES

Auto Power OFF // TRMS measure // 1 μ A high resolution // LPF Mode eliminates noise interference // Peak hold value measure // Data hold and Flash Light // Negative LCD display // Turntable, key and dial with backlight indication

TECHNICAL DATA

General

Overvoltage category	III 300 V
Clamp jaw opening	approx. 32 mm (1.26")
Display	6000 counts backlit LCD
Measurement rate	5 readings per second, nominal
Operating temperature	+5 to +40 °C (+41 to +104 °F)
Operating humidity	Max 80 % up to +31 °C (87 °F) decreasing linearly to 50 % at +40 °C (104 °F)
Storage temperature	-20 to +60 °C (-4 to 140 °F)
Storage humidity	<80 %
Operating altitude	max. 2000 m (7000 ft.)
Power supply	3x1.5V AAA LR03
Battery life	approx. 30 hrs (Backlight ON) approx. 100 hrs (Backlight OFF)
Auto power off	approx. 15 minutes
Safety	For indoor use and in accordance with the requirements for double insulation to IEC61010-1 (2001): EN61010-2-030 EN61010-2-032 EN61010-2-033
Pollution degree	2
Dimensions (W x H x D)	80 x 233 x 44.5 mm
Weight	326 g (without batteries)



AC TRMS current

Range	Resolution	Accuracy (50/60Hz)	Accuracy (>60Hz<1kHz)
100.0 A	100 mA	±(1.5% + 8 digits)	±(3.5% + 8 digits)
60.00 A	10 mA		±(3.0% + 8 digits)
6.000 A	1 mA	±(1.0% + 5 digits)	±(3.0% + 5 digits)
600.0 mA	0.1 mA		
60.00 mA	10 µA	±(1.0% + 8 digits)	±(3.0% + 8 digits)
6.000 mA	1 µA		

- Maximum input 120A
- Accuracy specified from 5% to 100% of the measuring range
- Frequency Response: 0.000mA-10A (50 to 1kHz); 10A-60A (50 to 400Hz); 60A-100A (50 to 60Hz)
- AC Bandwidth: 50 to 1000Hz (Sine); 50/60Hz (All wave)
- PEAK Current Maximum Input: 120A 40ms

AC TRMS current with LPF

Range	Resolution	Accuracy (50/60Hz)
100.0 A	100 mA	±(2.0% + 8 digits)
60.00 A	10 mA	
6.000 A	1 mA	±(1.5% + 8 digits)
600.0 mA	0.1 mA	
60.00 mA	10 µA	
6.000 mA	1 µA	

- Over-range protection: Maximum input 120A
- Accuracy Specified from 5% to 100% of the measuring range
- PEAK Current Maximum Input: 120A 40ms
- Low Pass Filter Frequency: <100Hz

PACKAGE CONTENTS

Product // 3x AAA battery // Carry bag // Operating instructions