



229-2 Leakage Current Tester

AC Current Leakage Tester

Small leakage currents can be dangerous! The current above the "threshold of perception" in appliances, motors and other equipment can cause a violent reaction which may result in serious physical injury.

For service, lab, production or industry, the Model 229-2 helps determine product conformance to standards.

CAUTION! Leakage current in appliances may increase with use and aging. Check appliances periodically for safety.

- Designed around ANSI C39.5 requirement for the measurement of AC leakage current and UL Safety Standards.
- Compensated to Approximate Dalziel's Perception Curve
- Overload protected Up to 500 V Peak Momentarily on all ranges
- Checks both 120 VAC and 240 VAC appliances
- Includes Test Leads, Battery and Manual



Carrying Case accommodates the Tester, Test Leads and Operators Manual



229-2 Leakage Current Tester

Ordering Information

Leakage Tester	Catalog Number
229-2 Leakage Current Tester	12267
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Accessories	Catalog Number
Probe Leads w/Screw-On Alligator Clips	00125
Probe set, replaceable tip, banana plug	07538
Clip set, alligator, screw on	00425
Lead set, alligator, banana plug	07500
Case, Yellow Padded Nylon	00832
Case, Black Padded Nylon	00834
Case, Molded Plastic	45028

Specifications

Ranges	
AC current:	0.3-1-3-10 mA
AC voltage:	0-150 and 0-300 volts
Battery Test	Replace-Good
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Short Test	Red Arc: 30 mA FS, Green arc: 10 mA or less
Resolution	5µA on 0.3 mA range
Accuracy	±3% Full Scale at 60 Hz
Input Impedance	For current tests, 1.5KΩ in parallel with 0.15µF
Input Resistance	0.5 MΩ for 150V Range, 1.0 MΩ for the 300V range
Accuracy Vs. Frequency	Approximates Dalziel's "Percentile 50 Threshold of Perception Curve" within ±1.0 dB
Battery Life	Approximately 200 hours
Rated Circuit to Ground Voltage	300Vrms
Reference Conditions	23C ±1C, 30% to 60% Relative Humidity
Overload Protection	Up to 500V peak momentary on all ranges
Size	7" x 5-1/4" x 3-1/8"
Weight	3 lbs. (1.4 Kg)
Battery	One 9V NEDA No. 13F, 1604A (Burgess Type PM-6 or Equivalent)
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Specifications subject to change without notice	
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Any discussion in this document regarding UL, ANSI or IEC specifications is for Reference purposes only.	
The input network utilized in the M229-2 is detailed in Figure 1 on Page 3 of the manual.	
The customer is advised to obtain the latest specification from the rating agency.	
NOTE: For specification information call ANSI at (212) 642-4900 or UL in Northbrook, IL at (847) 272-8800.	

Mouser Electronics

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