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 accomodates the Tester, Test Leads and Operators Manual
229-2 Leakage Current Tester

Ordering Information

<table>
<thead>
<tr>
<th>Leakage Tester</th>
<th>Catalog Number</th>
</tr>
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<tbody>
<tr>
<td>229-2 Leakage Current Tester</td>
<td>12267</td>
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<tr>
<th>Accessories</th>
<th>Catalog Number</th>
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<tr>
<td>Probe Leads w/Screw-On Alligator Clips</td>
<td>00125</td>
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<tr>
<td>Probe set, replaceable tip, banana plug</td>
<td>07538</td>
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<tr>
<td>Clip set, alligator, screw on</td>
<td>00425</td>
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<tr>
<td>Lead set, alligator, banana plug</td>
<td>07500</td>
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<tr>
<td>Case, Yellow Padded Nylon</td>
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<td>Case, Black Padded Nylon</td>
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<td>Case, Molded Plastic</td>
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Specifications

Ranges
- AC current: 0.3-1-3-10 mA
- AC voltage: 0-150 and 0-300 volts
- Battery Test: Replace-Good

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
- 300 Vrms

Reference Conditions
- 23°C ±1°C, 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)

Specifications subject to change without notice

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.