

## 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 accomodates  
the Tester, Test Leads and  
Operators Manual**

## 229-2 Leakage Current Tester

Ordering Information	
<b>Leakage Tester</b>	<b>Catalog Number</b>
229-2 Leakage Current Tester	12267
<b>Accessories</b>	<b>Catalog Number</b>
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	
<b>Ranges</b>	
<b>AC current:</b>	0.3-1-3-10 mA
<b>AC voltage:</b>	0-150 and 0-300 volts
<b>Battery Test</b>	Replace-Good
<b>Short Test</b>	Red Arc: 30 mA FS, Green arc: 10 mA or less
<b>Resolution</b>	5 $\mu$ A on 0.3 mA range
<b>Accuracy</b>	$\pm$ 3% Full Scale at 60 Hz
<b>Input Impedance</b>	For current tests, 1.5K $\Omega$ in parallel with 0.15 $\mu$ F
<b>Input Resistance</b>	0.5 M $\Omega$ for 150V Range, 1.0 M $\Omega$ for the 300V range
<b>Accuracy Vs. Frequency</b>	Approximates Dalziel's "Percentile 50 Threshold of Perception Curve" within $\pm$ 1.0 dB
<b>Battery Life</b>	Approximately 200 hours
<b>Rated Circuit to Ground Voltage</b>	300Vrms
<b>Reference Conditions</b>	23C $\pm$ 1C, 30% to 60% Relative Humidity
<b>Overload Protection</b>	Up to 500V peak momentary on all ranges
<b>Size</b>	7" x 5-1/4" x 3-1/8"
<b>Weight</b>	3 lbs. (1.4 Kg)
<b>Battery</b>	One 9V NEDA No. 13F, 1604A (Burgess Type PM-6 or Equivalent)
<b>Specifications subject to change without notice</b>	
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.	

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