

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

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% at 60 Hz

Input Impedance: For current tests, 1.5KΩ in parallel with 0.15 µF

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)

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.

Ordering Information

LEAKAGE TESTER	Catalog No.	ACCESSORIES	Catalog No.	ACCESSORIES	Catalog No.
229-2 Current Leakage tester	12267	Probe leads w/ screw-on alligator clips	00125	Case, Yellow Padded Nylon	00832
		Probe set, replaceable tip, banana plug	07538	Case, Black Padded Nylon	00834
		Clip set, alligator, screw on	00425	Case, Hard Leatherette Front Load	00805
		Lead set, alligator, banana plug	07500	Case, Molded Plastic	45028



Carrying Case accommodates the Tester, Test Leads and Operators Manual.