

Keysight 4339B High-Resistance Meter

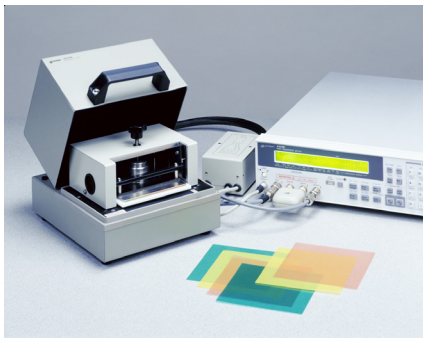
Premier Solution for Accurate High Resistance Tests

The 4339B high resistance meter is the most advanced tool for making precision high-resistance measurements.

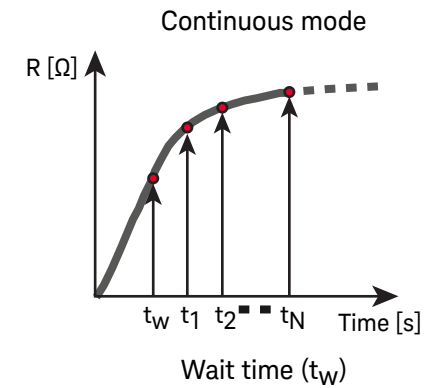
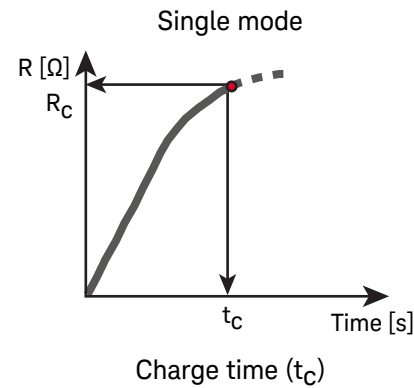


Key features

1. Reliable high resistance measurements
 - Wide measurement range: 1 k Ω to 16 P Ω (Peta: 10¹⁵)
 - $\pm 0.6\%$ basic accuracy
 - Stable and accurate measurements with 16008B and 16339A test fixtures



2. Versatile measurement functions
 - 4 parameters: R, I, ρ_s (surface resistivity), ρ_v (volume resistivity)
 - Test sequence program function
 - Built-in surface and volume resistivity calculation function
 - Grounded and ungrounded (floating) DUT measurements
 - Wide variety of test fixtures



3. System integration capability
 - Built-in comparator
 - GPIB and handler interfaces
 - 10 ms measurement time and 2 ms high-speed contact check

Models

Model	Description
4339B	High Resistance Meter

Options

Model	Description
4339B-1CM	Rack mount kit
4339B-1CN	Front handle kit
4339B-ABA	U.S. – English localization
4339B-ABJ	Japan – Japanese localization
4339B-1A7	17025 Compliant calibration
4339B-A6J	ANSI Z540 Compliant calibration

For more details on the option configuration, refer to the configuration guide 5989-8319EN.

Upgrade options

Refer to the configuration guide 5989-8319EN for the upgrades.

Application support literatures

Literature	Publication number
Solutions for Measuring Permittivity and Permeability with LCR Meters and Impedance Analyzers - Application Note	5980-2862EN

For additional literature and product information, refer to the following literatures

Literature	Publication number
4339B/4349B High Resistance Meters - Technical Overview	5964-6182E
4294A Precision Impedance Analyzer, 40 Hz to 110 MHz - Configuration Guide	5989-8318EN

Recommended accessories

Model	Description
16008B	Resistivity cell for surface and volume resistivity measurements of dry solid sheet materials
16117B	Low noise test leads for mating with probes/sockets/clips; applicable to measurement up to 100 GΩ (typical)
16117C	Test lead assembly for connecting custom test fixture or component handler
16118A	Tweezers test fixture for SMD; applicable to measurement from 10 MΩ to 100 GΩ
16339A	Component test fixture for SMD and leaded devices; applicable to measurement up to 16 PQ (Peta: 10 ¹⁵)

For other accessories, refer to the configuration guide 5989-8319EN.

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