

Keysight 4338B Milliohm Meter

Frequency ranges: 1 kHz

Advanced Milliohm Meter Solution for Various Low-Resistance Measurement Needs

Keysight Technologies, Inc. 4338B milliohm meter is a precise, reliable, high-speed test tool for low resistance measurements of electromechanical components, batteries, cables, PC Boards, etc. Keysight 4338B allows you to select low AC test signal levels (1 μ A to 10mA) suitable for your DUT.



Key features

1. Excellent low-resistance measurement performance
 - 1 kHz AC measurement
 - Wide measurement range with high resolution (10 $\mu\Omega$ to 100 k Ω)
 - High-speed measurement (34 ms)
 - Selectable test signal current from 1 μ A to 10 mA

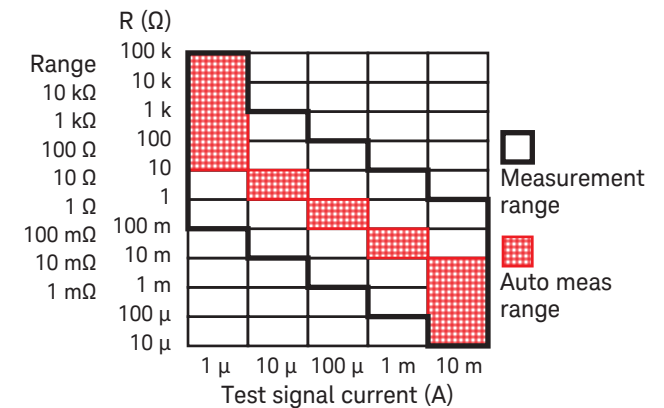


Contact resistance measurements for electromechanical components



Internal resistance tests for batteries

2. Simple measurement setup and reliable measurements
 - Auto measurement function
 - Contact check function



3. Ease of system integration
 - Built-in comparator
 - GPIB/handler interfaces
4. Wide variety of test fixtures
 - 4-terminal (Kelvin) clip and probes with test leads for accurate low-resistance measurement

Models

Model	Description
4338B	Milliohm meter, 1 kHz

Options

Model	Description
4338B-1CM	Rack mount kit
4338B-1CN	Front handle kit
4338B-ABA	U.S. English localization
4338B-ABJ	Japan – Japanese localization
4338B-OBW	Service manual
4338B-1A7	ISO 17025 compliant calibration
4338B-A6J	ANSI Z540 compliant calibration

For more details on the option configuration, refer to the configuration guide 5989-8522EN.

Application support literatures

Literature	Publication number
Impedance Measurement Handbook - 4th Edition - Application Note	5950-3000

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

Literature	Publication number
4338B Milliohm Meter, 10 $\mu\Omega$ to 100 k Ω - Technical Overview	5964-6183E
4338B Milliohmmeter - Configuration Guide	5989-8522EN

Recommended accessories

Model	Description
16338A	Test lead kit

Contents of the 16338A:

- 2 Kelvin clip leads (large) 16005-60011
- 1 Kelvin IC clip lead (small, red) 16005-60012
- 1 Kelvin IC clip lead (small, black) 16005-60014
- 2 pin-type probe leads 16006-60001
- 1 alligator clip lead (red) 16007-60001
- 1 alligator clip lead (black) 16007-60002
- Mating cable 16143-60011
- Carrying case
- Operation and service manual

The 4338B must be used with a mating cable plus 2 clip/probe leads of your choice.

To order each accessory separately, use Keysight part numbers listed above.

For other accessories, refer to the configuration guide 5989-8522EN.

www.keysight.com/find/lcmmeters

KEYSIGHT SERVICES

Accelerate Technology Adoption. Lower costs.

www.keysight.com/find/services

Keysight Services helps you improve productivity and product quality with our comprehensive service offerings of one-stop calibration, repair, asset management, technology refresh, consulting, training, and more.