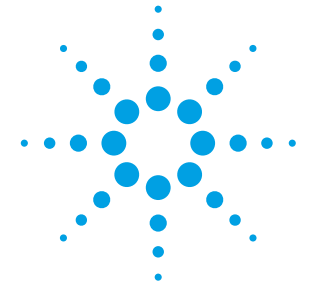


# Agilent 4263B LCR Meter 100 Hz to 100 kHz

## Cost-effective LCR Meter that Addresses Many Applications

Agilent 4263B LCR meter is a cost-effective universal LCR Meter, designed for both production test and evaluating a variety of components.



### Key Features

#### 1. High-quality Measurement

- 11 impedance parameters (Z, Y, L, C, R, X, G, B, D, Q,  $\theta$ )
- 0.1% basic accuracy
- Test signal I and V monitoring function
- Broad selection range of test fixtures

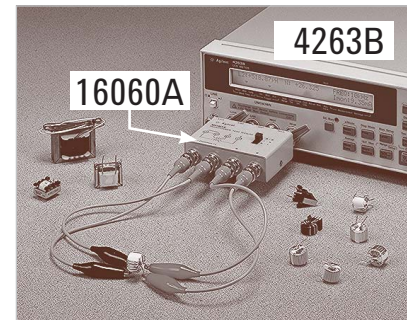
#### 2. Efficient Electrolytic Capacitor Measurement

- High speed measurements even at low frequencies (25 ms @100 Hz / 120 Hz)
- Circuit protection against capacitor discharge (4 J)
- Internal DC bias (1.5 V, 2 V)
- Accurate low impedance measurement



#### 3. Transformer Measurement Capability (Option 4263B-001)

- N, M, DCR measurement functions
- 16060A transformer test fixture to minimize the need of DUT connection changes



#### 4. Ease of System Integration

- GPIB and handler interfaces
- Built-in comparator
- Contact check function
- Up to 4 m cable extension



# Quick Fact Sheet

## Agilent 4263B LCR Meter

### Models

Model	Description
4263B	LCR meter, 100 Hz to 100 kHz

### Options

Model	Description
4263B-001	Add N/M/DCR measurement function
4263B-002	Add 20 kHz measurement
4263B-1CM	Rack mount kit
4263B-1CN	Front handle kit
4263B-ABA	U.S. English localization
4263B-ABJ	Japan – Japanese localization
4263B-0BW	Service manual
4263B-1A7	ISO 17025 compliant calibration
4263B-A6J	ANSI Z540 compliant calibration

For more details on the option configuration, refer to the configuration guide 5989-8317EN

### Upgrade Options

Refer to the configuration guide 5989-8317EN for the upgrades.

### Application Support Literatures

Literature	Publication number
Impedance Measurement Handbook	5950-3000
Application Note (electrolytic capacitors testing)	5967-5378
Application Note (transformer meas)	5967-5377E

### Recommended Accessories

DUT	Fixture type	Model	Description
Lead	Axial/radial	16047A/E	Spring contact type (A) / Screw-lock type (E)
	Clip-type	16089A/B/C/D/E	Large clips (A) /medium clips (B) /IC clips (C) / alligator clips (D) /high repeatability (E)
		16060A	Transformer test fixture (option 4263B-001 is required)
SMD/chip	SMD/chip	16034E/G/H	Large contact (E)/small contact (G)/for array components (H)
		16044A	Kelvin contacts
	Tweezers-type	16334A	Tweezers (cable length 1m)
	Extension cable	16048A/D/E	BNC test leads (1/2/4 m)
	External DC bias	16065A	± 200 V DC max.
16065C		Adapter, ±40 V DC max.	

For other accessories, refer to the configuration guide 5989-8317EN.

[www.agilent.com/find/lcrmeters](http://www.agilent.com/find/lcrmeters)

For additional literature product information, refer to following literatures.

Literature	Publication number
Technical Overview	5964-6181E
Configuration Guide	5989-8317EN

### Recommended service options

Additional two years of Return-to-Agilent warranty  
Additional two years of Return-to-Agilent calibrations  
For more information go to [www.agilent.com/find/removealldoubt](http://www.agilent.com/find/removealldoubt)

