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Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

HP / AGILENT

HP / Agilent 4261A LCR METER

Measuring time C/L at 1 kHz typical: 220 to 260 ms Measuring timeRat 1 kHz typical: 120 to 160 ms Optional interfaces: BCD output and remote control Specs from HP 4261A operating/service manual specification tables and radiomuseum summary. Confirm bias options and BCD/remote options on the unit. Measuring timeRat 1 kHz typical: 120 to 160 ms Optional interfaces: BCD output and remote control Specs from HP 4261A operating/service manual specification tables and radiomuseum summary. Confirm bias options and BCD/remote options on the unit.



MODEL

HP / Agilent 4261A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

4261A

LISTING

<https://aumictechlabs.com/products/4261a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The HP/Agilent 4261A is a digital LCR meter for precision measurement of inductance, capacitance, resistance, dissipation factor, and quality factor across a wide range of component types. The instrument automatically selects appropriate measurement ranges and equivalent circuit modes - series or parallel - making it suitable for characterizing electrolytic and ceramic capacitors, filter coils, pulse transformers, and component internal resistance without manual intervention. Technical Specifications Measurement Parameters: L-D, C-D, R, L-D Q, C-D Q Test Frequencies: 120 Hz (or 100 Hz) and 1 kHz Capacitance Range: 10 pF to 10 mF Inductance Range: 10 μ H to 1000 H Resistance Range: 10 m Ω to 10 M Ω Basic Accuracy: 0.2% of reading (23°C $\pm$ 5°C; error doubles at 0° to 55°C) Display: Two 3½-digit LED displays Test Signal Level: 1.5 V, 2.2 V, 6 V

(selectable internal); 1 V, 50 mV (Cp mode) Internal DC Bias: Available External DC Bias: 0 to +30 V
Reading Rate: Internal trigger ~30 ms between cycles; external trigger on command; 120 (100) Hz:
670 ms per range stepKey Features Dual equivalent circuit modes - series and parallel -
automatically selected based on component characteristics Selectable test signal levels
accommodate different measurement requirements External bias voltage capability (0 to +30 V)
for elevated-bias component testing Two independent LED displays for simultaneous parameter
readoutTypical Applications Electrolytic and ceramic capacitor characterization Filter coil and
transformer impedance measurement Dry cell internal resistance determination General-purpose
LCR component testing across industrial and laboratory environmentsCompatibility & Integration
Optional BCD simultaneous output (Option 001) and remote control (Option 003) available
Compatible test fixtures and leads: HP 16061A (5-terminal direct couple), HP 16062A (4-terminal
low impedance), HP 16063A (3-terminal high impedance)

Features & description

From manufacturer datasheet

Applications

- Component incoming inspection of C, L, and R

4261A Characteristics / Specifications

PARAMETER	VALUE
Model	4261A
Manufacturer	Hewlett-Packard / Agilent
Instrument Type	Digital LCR Meter
Alias	HP 4261A; Agilent 4261A
Parameters measured	C-D, L-D, R
Display	3.5 digits max 1900
Test frequency	120 Hz +/-3% and 1 kHz +/-3%
Measurement circuit	five-terminal
Circuit modes	Auto Parallel Series
Range mode	Auto or Range Hold
Capacitance range	0.1 pF to 19 mF
Inductance range	0.1 uH to 1900 H
Resistance range	1 mOhm to 19 MOhm
Basic accuracy	0.2% to 0.3%
Typical measuring speed	about 200 ms
Signal level typical	1 Vrms or 50 mVrms in Cp mode
Internal DC bias	1.5 V, 2.2 V, 6 V +/-5%
External DC bias	0 to +30 V
Trigger	Internal Manual External
Measuring time C/L at 1 kHz typical	220 to 260 ms
Measuring timeRat 1 kHz typical	120 to 160 ms
Dimensions	213 × 134 × 422 mm
Weight	7.5 kg
Mains	110-120 or 220-240 V AC

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Optional interfaces: BCD output and remote control

Notes

Specs from HP 4261A operating/service manual specification tables and radiomuseum summary. Confirm bias options and BCD/remote options on the unit.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.