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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 4260A

The HP 4260A (Yokogawa-Hewlett-Packard) is a universal RCL bridge with digital in-line readout and automatic decimal placement. OEM HP Journal and 4260A tables list resistance 10 milliohm to 10 megohm, capacitance 1 pF to 1000 uF, and inductance 1 uH to 1000 H, each in 7 ranges. Accuracy is plus/minus 1 percent over the major portion of range and at least 2 percent for the full range. An internal 1 kHz oscillator drives C and L; an internal DC supply measures R. An external oscillator 20 Hz to 20 kHz is supported on the rear panel. Bench R, L, C, D, and Q measurements of passive components at 1 kHz or 20 Hz to 20 kHz. Bridge Circuits: five circuits selected by FUNCTION switch Size: 190 mm W x 166 mm H x 279 mm D Weight: 5 kg Manufacturer: Yokogawa Hewlett Packard / HP Agilent Keysight Literature: HP Journal September 1966 4260A and 4260A specification tables



MODEL

**Agilent / Keysight
4260A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

4260A

LISTING

<https://aumictechlabs.com/products/4260a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 4260A is a precision LCR meter for impedance characterization of electronic components across a wide measurement range. It measures inductance, capacitance, and resistance with 2% overall accuracy, supporting both internal and external oscillator operation. The instrument delivers reliable performance in quality control, design verification, and component evaluation workflows. Technical Specifications Measurement Parameters: Inductance (L), Capacitance (C), Resistance (R) Resistance Range: 10 mΩ to 10 MΩ Capacitance Range: 1 pF

to 1000 μ F Inductance Range: 1 mH to 1000 H Test Frequency: 20 Hz to 20 kHz Internal Oscillator: 1 kHz sine wave External Oscillator Input: Rear panel connector available Measurement Accuracy: 2% Display: 4-digit mechanical digital readout

Key Features Selectable internal 1 kHz sine oscillator or external frequency input for flexible test configurations Wide impedance measurement range spanning five decades in each parameter Mechanical display provides intuitive readout without software dependencies 2% accuracy suitable for production test and component screening applications

Typical Applications Quality control screening of passive components (resistors, capacitors, inductors) Design verification of filter networks and impedance-matching circuits In-circuit component characterization and failure analysis Production line testing where frequency variation is required within the 20 Hz to 20 kHz band

Compatibility & Integration The 4260A maintains full compatibility with the Agilent/Keysight LCR meter product family. Related instruments in the lineage include the 4261A and 4262A, allowing users to select measurement capability appropriate to specific accuracy and frequency requirements.

4260A Characteristics / Specifications

PARAMETER	VALUE
Model	4260A
Instrument Type	Universal RCL bridge
Resistance Range	10 milliohm to 10 megohm in 7 ranges
Capacitance Range	1 pF to 1000 uF in 7 ranges
Inductance Range	1 uH to 1000 H in 7 ranges
Accuracy Major Range	plus/minus 1 percent
Accuracy Full Range	at least 2 percent
Capacitance Accuracy Mid	plus/minus (1 percent + 1 digit) from 1 nF to 100 uF
Capacitance Accuracy Ends	plus/minus (2 percent + 1 digit) from 1 pF to 1 nF and 100 uF to 1000 uF
Residual Capacitance	2 pF class
Dissipation Low D	0.001 to 0.12 (series C)
Dissipation High D	0.05 to 50 (parallel C)
Quality Low Q	0.02 to 20 (series L)
Quality High Q	8 to 1000 (parallel L)
Dq Accuracy	plus/minus 5 percent
Internal Oscillator	1 kHz
External Oscillator	20 Hz to 20 kHz
Bridge Circuits	five circuits selected by FUNCTION switch
Line Voltage	115 V or 230 V AC
Size	190 mmWx 166 mmHx 279 mmDWeight: 5 kg
Manufacturer	Yokogawa Hewlett Packard / HP Agilent Keysight
Literature	HP Journal September 1966 4260A and 4260A specification tables
Form Factor	sub-modular bench cabinet, rack adapters available
Readout	four-digit in-line digital counter for R, L, C
Documentation Type	OEM universal-bridge specifications Notes From HP 4260A / HP Journal September 1966 specification tables (R/L/C ranges, 1

PARAMETER

VALUE

percent/2 percent accuracy, D/Q ranges, 1 kHz and 20 Hz-20 kHz).
Detector sensitivity and residual inductance are on the 4260A
operating-manual specification page.

4260A Specifications

PARAMETER	VALUE
HP Agilent 4260A Universal Bridge	Overview
Applications	Bench R, L, C, D, and Q measurements of passive components at 1 kHz or 20 Hz to 20 kHz.
Internal 1 kHz oscillator	External oscillator 20 Hz to 20 kHz
Digital readout with automatic decimal	Auto-balance for low Q / high D
Technical Specifications	Model: 4260A

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	
Technical Specifications	
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Notes
From HP 4260A / HP Journal September 1966 specification tables (R/L/C ranges, 1 percent/2 percent accuracy, D/Q ranges, 1 kHz and 20 Hz-20 kHz). Detector sensitivity and residual inductance are on the 4260A operating-manual specification page.

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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NIST-traceable calibration · SAM registered ·
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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.