


Aumictech

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

HP / AGILENT

HP / Agilent 4276A LCZ METER

The 4276A is a 4.5-digit digital LCZ meter with variable test frequency from 100 Hz to 20 kHz. It measures L, C, $|Z|$, D, Q, ESR, and G under frequency and (optional) DC bias conditions matching the DUT application. Impedance coverage is about 100 mohm to 10 Mohm. Display: 4.5 digits
 L range: 100 uH to 1 kH
 C range: 10 pF to 10 mF
 Basic accuracy class: 0.1% (in specified ranges)
 Test signal levels class: LOW and HIGH settings
 Specs from HP/Agilent 4276A product literature. Confirm Option for DC bias and exact frequency spot list on the unit.



MODEL

HP / Agilent 4276A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

4276A

LISTING

<https://aumictechlabs.com/products/4276a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The HP/Agilent 4276A LCZ Meter is a instrument designed for accurate measurement of inductance, capacitance, and impedance. Its wide frequency range and multiple test modes allow for versatile testing of various electronic components and circuits. Ideal for quality control, circuit design, and component evaluation, the 4276A provides reliable and precise measurements to ensure optimal performance and adherence to specifications.

Features & description

From manufacturer datasheet

Features

- Variable frequency 100 Hz to 20 kHz
- Multi-parameter LCZ measurements with 4.5-digit resolution
- Automatic high-speed measurements
- Optional built-in DC bias adjustable from front panel (family literature)

Applications

- Component L/C/Z characterization at application frequencies
- ESR and D/Q measurements on capacitors and inductors
- Production and incoming inspection with automatic ranging
- Optional DC bias characterization to +/-40 V class

4276A Characteristics / Specifications

PARAMETER	VALUE
Model	4276A
Manufacturer	HP / Agilent
Instrument Type	LCZ Meter
Alias	4276A; Agilent 4276A; HP 4276A
Frequency range	100 Hz to 20 kHz
Display	4.5 digitsLrange: 100 uH to 1 kHCrangle: 10 pF to 10 mF
Impedance range	100 mohm to 10 Mohm
Parameters	L, C, $ Z $, D, Q, ESR, G
Basic accuracy class	0.1% (in specified ranges)
Test signal levels class	LOW and HIGH settings Notes Specs from HP/Agilent 4276A product literature. Confirm Option for DC bias and exact frequency spot list on the unit.

4276A Specifications

PARAMETER	VALUE
HP / Agilent 4276A LCZ Meter	Overview
Key Features	- Variable frequency 100 Hz to 20 kHz
Technical Specifications	Model: 4276A
Notes	Specs from HP/Agilent 4276A product literature. Confirm Option for DC bias and exact frequency spot list on the unit.

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

Specifications

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Optional DC bias class: +/-40 V

Test signal levels class: LOW and HIGH settings

Notes

Specs from HP/Agilent 4276A product literature. Confirm Option for DC bias and exact frequency spot list 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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.