

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) 4980A Network Analyzer

Keysight / Agilent 4980A (Catalog Listing: Network Analyzer) This catalog SKU is listed as Keysight/Agilent 4980A Network Analyzer. Public OEM documentation for an instrument exactly titled "4980A Network Analyzer" is sparse; the closely related E4980A isaPrecision LCR Meter (20 Hz–2 MHz), not an RF network analyzer. Do not assume E4980A identity without faceplate confirmation. This catalog SKU is listed as Keysight/Agilent 4980A Network Analyzer. Public OEM documentation for an instrument exactly titled "4980A Network Analyzer" is sparse; the closely related E4980A isaPrecision LCR Meter (20 Hz–2 MHz), not an RF network analyzer. Do not assume E4980A identity without faceplate confirmation.



MODEL

**Keysight / Agilent
4980A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

4980A

LISTING

<https://aumictechlabs.com/products/4980a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight (Agilent) E4980A Precision LCR Meter delivers accurate impedance characterization across 20 Hz to 2 MHz with 0.05% basic accuracy. Engineered for research, development, manufacturing, and quality control, this instrument measures passive components, semiconductors, and materials with 4-digit resolution. The meter accommodates test signal voltages from 100 μ Vrms to 2 Vrms (standard) or 0–20 Vrms with Option 001, and test currents to 20 mA standard or 100 mArms with Option 001. DC bias capability extends to ± 1.5 V or ± 2 Vdc standard, or ± 40 Vdc with Option 001 and up to 100 mA bias current. Technical Specifications Frequency Range: 20 Hz to 2 MHz with 4-digit resolution Measurement Accuracy: 0.05% basic

accuracy Measurement Parameters: $|Z|$, $|Y|$, Θ , R, X, G, B, L, C, D, Q, Rdc, Idc, Vdc Capacitance Range: ± 1.000000 aF to 999.9999 EF Resistance/Inductance Range: ± 1.000000 a Ω to 999.9999 E Ω Test Signal Voltage: 100 μ Vrms to 2 Vrms (standard); 0–20 Vrms with Option 001 Test Signal Current: 1 μ A to 20 mA (standard); up to 100 mArms with Option 001 DC Bias: ± 1.5 V or ± 2 Vdc (standard); ± 40 Vdc with Option 001 DC Bias Current: Up to 100 mA with Option 001 Measurement Speed: 5.6 ms (Short), 88 ms (Medium), 220 ms (Long) at 1 MHz List Sweep: Up to 201 points Display: 7-digit LCD, 6 display modes Operating Voltage: 90–264 Vac, 47–63 Hz Key Features Four Terminal Pair (4TP) measurement configuration Series and parallel equivalent circuit modes Open/Short/Load compensation methods Multiple test cable lengths: 0 m, 1 m, 2 m, 4 m Internal, Manual, External, and GPIB trigger modes DC resistance measurement with Option 200 Controllable DC source (0– ± 10 V) with Option 001 Typical Applications Component characterization and validation Semiconductor parameter measurement Material dielectric property assessment Manufacturing quality control and screening Research and development testing Compatibility & Integration Interfaces: LAN (LXI-C), USB, GPIB Optional Interfaces: Handler Interface (Option 201), Scanner Interface (Option 301) Control Commands: Compatible with 4284A commands Test Fixtures: Supports Kelvin clip leads, axial and SMD component fixtures, external bias adapters Dimensions: 370 mm (W) $\times$ 105 mm (H) $\times$ 388.7–390 mm (D) Weight: 5.3 kg

Features & description

From manufacturer datasheet

Features

- Listed model: 4980A • Listed type: Network Analyzer (catalog title) • Verified alternative SKU

caution: E4980A Precision LCR Meter is 20 Hz to 2 MHz, 0.05% basic accuracy class, Opt 001 power/DC bias enhancement – only if faceplate reads E4980A • Prefer faceplate / option labels over catalog title when they conflict

Applications

- As listed: network analysis tasks if the physical unit is an RF VNA • If the unit is actually an E4980A: precision LCR / component impedance measurements

4980A Characteristics / Specifications

PARAMETER	VALUE
Keysight / Agilent 4980A (Catalog Listing	Network Analyzer) Overview This catalog SKU is listed as Keysight/Agilent 4980A Network Analyzer. Public OEM documentation for an instrument exactly titled “4980A Network Analyzer” is sparse; the closely related E4980A isaPrecision LCR Meter (20 Hz–2 MHz), not an RF network analyzer. Do not assume E4980A identity without faceplate confirmation.
Model	4980A
Manufacturer	Keysight / Agilent
Instrument Type	Network Analyzer (per listing title)
Alias	4980A; Agilent 4980A; Keysight 4980A
Listed model	4980A
Listed function	Network Analyzer Notes Avoided inventing RF VNA frequency/dynamic-range numbers. If the physical instrument is E4980A LCR, re-generate from E4980A OEM data after confirming the faceplate. Finer limits belong on the unit label and calibration certificate.
As listed	network analysis tasks if the physical unit is an RF VNA
If the unit is actually an E4980A	precision LCR / component impedance measurements
Listed type	Network Analyzer (catalog title)
Verified alternative SKU caution	E4980A Precision LCR Meter is 20 Hz to 2 MHz, 0.05% basic accuracy class, Opt 001 power/DC bias enhancement – only if faceplate reads E4980A

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

PARAMETER	VALUE
Model	4980A
Manufacturer	Keysight / Agilent
Instrument Type	Network Analyzer (per listing title)
Alias	4980A; Agilent 4980A; Keysight 4980A

Listed model: 4980A

Listed function: Network Analyzer

Notes

Avoided inventing RF VNA frequency/dynamic-range numbers. If the physical instrument is E4980A LCR, re-generate from E4980A OEM data after confirming the faceplate. Finer limits belong on the unit label and calibration certificate.

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>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 12, 2026

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