

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 5, 2026

KEYSIGHT

Keysight (Agilent) E4980AL Precision LCR Meter 20 Hz to 300 kHz / 500 kHz / 1 MHz

Keysight (Agilent) E4980AL Precision LCR Meter 20 Hz to 300 kHz / 500 kHz / 1 MHz The Keysight E4980AL is a cost-optimized precision LCR meter with selectable maximum frequency of 300 kHz, 500 kHz, or 1 MHz (field upgradable). 0.05% basic impedance accuracy; measurement speeds about 12 ms (SHORT), 118 ms (MED), 343 ms (LONG) at 1 MHz. 16 impedance parameters; 100 μ V–2 Vrms / 1 μ A–20 mA test signal; DC bias 1.5/2 V; DCR; 201-point list sweep; open/short/load compensation; 1/2/4 m cable extension. General R&D and production LCR/impedance; component incoming inspection; materials at audio to 1 MHz. The Keysight E4980AL is a cost-optimized precision LCR meter with selectable maximum frequency of 300 kHz, 500 kHz, or 1 MHz (field upgradable). 0.05% basic impedance accuracy; measurement speeds about 12 ms (SHORT), 118 ms (MED), 343 ms (LONG) at 1 MHz. 16 impedance parameters; 100 μ V–2 Vrms / 1 μ A–20 mA test signal; DC bias 1.5/2 V; DCR; 201-point list sweep; open/short/load compensation; 1/2/4 m cable extension. General R&D and production LCR/impedance; component incoming inspection; materials at audio to 1 MHz.

No photo

MODEL

Keysight E4980AL

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

E4980AL

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Frequency: 20 Hz to 300 kHz / 500 kHz / 1 MHz (model/option); 4-digit resolution
- Basic accuracy: 0.05%
- Speed @ 1 MHz: 12 ms SHORT; 118 ms MED; 343 ms LONG
- 16 impedance parameters; DC resistance
- Test signal: 100 μ V–2 Vrms; 1 μ A–20 mA; auto-level control
- DC bias: 1.5 V / 2 V
- 201-point programmable list sweep
- Frequency upgrades: 300→500 kHz, 300→1 MHz, 500→1 MHz

E4980AL Characteristics / Specifications

PARAMETER	VALUE
Model	E4980AL
Manufacturer	Keysight Technologies
Instrument Type	Precision LCR Meter
Alias	E4980AL Frequency / Accuracy 20 Hz to 300 kHz / 500 kHz / 1 MHz; 0.05% basic accuracy Test Signal / Speed 100 µV–2 Vrms; 1 µA–20 mA; speeds as above at 1 MHz Operational Notes Full 2 MHz sibling is E4980A. Prefer Keysight fact sheet 5991-2307 / E4980AL datasheet.
Frequency	20 Hz to 300 kHz / 500 kHz / 1 MHz (model/option); 4-digit resolution
Basic accuracy	0.05%
Speed @ 1 MHz	12 ms SHORT; 118 ms MED; 343 ms LONG
Test signal	100 µV–2 Vrms; 1 µA–20 mA; auto-level control
DC bias	1.5 V / 2 V
Frequency upgrades	300→500 kHz, 300→1 MHz, 500→1 MHz

E4980AL Specifications

PARAMETER	VALUE
Applications	General R&D and production LCR/impedance; component incoming inspection; materials at audio to 1 MHz.
Key Features	- Frequency: 20 Hz to 300 kHz / 500 kHz / 1 MHz (model/option); 4-digit resolution
Technical Specifications	Model: E4980AL
Frequency / Accuracy	20 Hz to 300 kHz / 500 kHz / 1 MHz; 0.05% basic accuracy
Test Signal / Speed	100 μ V–2 Vrms; 1 μ A–20 mA; speeds as above at 1 MHz
Operational Notes	Full 2 MHz sibling is E4980A. Prefer Keysight fact sheet 5991-2307 / E4980AL datasheet.

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	E4980AL
Manufacturer	Keysight Technologies
Instrument Type	Precision LCR Meter
Alias	E4980AL

Frequency / Accuracy

20 Hz to 300 kHz / 500 kHz / 1 MHz; 0.05% basic accuracy

Test Signal / Speed

100 μ V-2 Vrms; 1 μ A-20 mA; speeds as above at 1 MHz

Operational Notes

Full 2 MHz sibling is E4980A. Prefer Keysight fact sheet 5991-2307 / E4980AL datasheet.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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.