

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 6, 2026

KEYSIGHT

Keysight (Agilent) 4288A 1 kHz/1 MHz Capacitance Meter

Keysight (Agilent) 4288A 1 kHz/1 MHz Capacitance Meter The Keysight/Agilent 4288A is a compact high-speed capacitance meter for production test of ceramic, film, and mica capacitors. Test frequencies 1 kHz and 1 MHz ($\pm 0.01\%$); basic accuracy $\pm 0.07\%$ (LONG mode). Measurement times 6.5 ms (SHORT) / 16.5 ms (LONG). Parameters C, D, Q, G, Rs, Rp. Successor to 4278A with smaller $\frac{3}{4}$ -rack footprint (~ 3 kg). High-volume capacitor production test; ATE with handler/scanner; incoming inspection. The Keysight/Agilent 4288A is a compact high-speed capacitance meter for production test of ceramic, film, and mica capacitors. Test frequencies 1 kHz and 1 MHz ($\pm 0.01\%$); basic accuracy $\pm 0.07\%$ (LONG mode). Measurement times 6.5 ms (SHORT) / 16.5 ms (LONG). Parameters C, D, Q, G, Rs, Rp. Successor to 4278A with smaller $\frac{3}{4}$ -rack footprint (~ 3 kg). High-volume capacitor production test; ATE with handler/scanner; incoming inspection.

No photo

MODEL

Keysight 4288A

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

4288A

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

- Frequencies: 1 kHz and 1 MHz; frequency shift $\pm 1\%$ / $\pm 2\%$ class
- C range: 0.00001 pF to 20.0000 μ F (1 kHz); 0.00001 pF to 1.50000 nF (1 MHz)
- Basic accuracy: C $\pm 0.07\%$; D ± 0.0005 (LONG)
- Test voltage: 0.1 to 1.0 Vrms in 0.1 V steps
- Measurement time: 6.5 ms / 16.5 ms
- 4-terminal pair; cable length 0/1/2 m
- Comparator: 9 bins + AUX + out-of-bins
- Interfaces: GPIB, handler, scanner (up to 64-channel compensation class)
- 10 setup save/recall in EEPROM
- Display digits: 4, 5, or 6 selectable

4288A Characteristics / Specifications

PARAMETER	VALUE
Model	4288A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Capacitance Meter
Alias	4288A; Agilent 4288A Frequency / Accuracy 1 kHz / 1 MHz; C $\pm 0.07\%$ basic (LONG) Ranges / SpeedCranges as above; 6.5 ms SHORT / 16.5 ms LONG Operational Notes Prefer Agilent 4288A datasheet. Pair with 16034/16047-class fixtures.
Frequencies	1 kHz and 1 MHz; frequency shift $\pm 1\%/\pm 2\%$ class
C range	0.00001 pF to 20.0000 μ F (1 kHz); 0.00001 pF to 1.50000 nF (1 MHz)
Basic accuracy	C $\pm 0.07\%$; D ± 0.0005 (LONG)
Test voltage	0.1 to 1.0 Vrms in 0.1 V steps
Measurement time	6.5 ms / 16.5 ms
Comparator	9 bins + AUX + out-of-bins
Interfaces	GPIB, handler, scanner (up to 64-channel compensation class)
Display digits	4, 5, or 6 selectable

4288A Specifications

PARAMETER	VALUE
Keysight (Agilent) 4288A 1 kHz/1 MHz Capacitance Meter	Overview
Applications	High-volume capacitor production test; ATE with handler/scanner; incoming inspection.
Key Features	- Frequencies: 1 kHz and 1 MHz; frequency shift $\pm 1\%$ / $\pm 2\%$ class
Technical Specifications	Model: 4288A
Frequency / Accuracy	1 kHz / 1 MHz; C $\pm 0.07\%$ basic (LONG)
Ranges / Speed	C ranges as above; 6.5 ms SHORT / 16.5 ms LONG
Operational Notes	Prefer Agilent 4288A datasheet. Pair with 16034/16047-class fixtures.

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	4288A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Capacitance Meter
Alias	4288A; Agilent 4288A

Frequency / Accuracy

1 kHz / 1 MHz; C ±0.07% basic (LONG)

Ranges / SpeedCranges as above; 6.5 ms SHORT / 16.5 ms LONG

Operational Notes

Prefer Agilent 4288A datasheet. Pair with 16034/16047-class fixtures.

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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<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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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.