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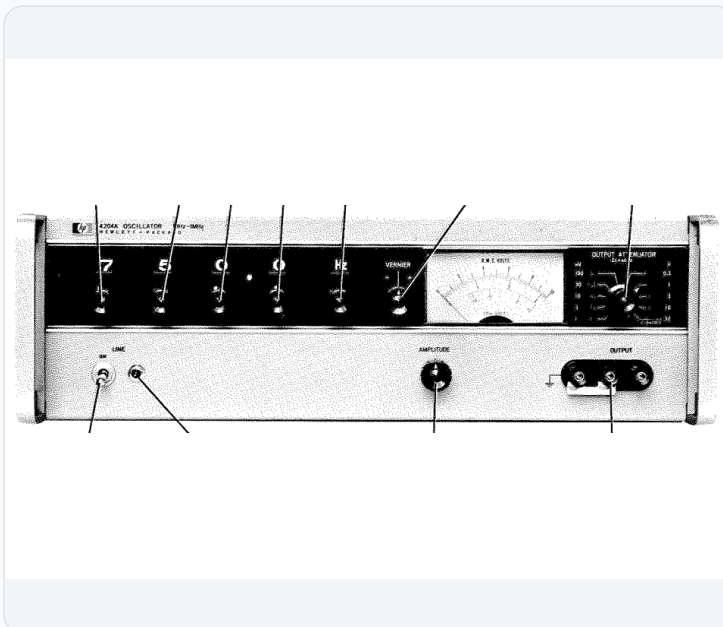
Data Sheet

August 12, 2026

HP / AGILENT

HP / Agilent 4204A OSCILLATOR

The 4204A is a laboratory digital oscillator covering 10 Hz to 1 MHz. It provides a calibrated sine output for general-purpose audio through HF stimulus applications. Frequency accuracy: 0.2% or 0.1 Hz, whichever is greater. Distortion: less than 0.3% from 30 Hz to 100 kHz. Specs from HP 4204A oscillator literature summaries. Confirm output attenuator settings and any options on the faceplate.



MODEL

HP / Agilent 4204A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

4204A

LISTING

<https://aumictechlabs.com/products/4204a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The HP/Agilent 4204A is a precision sine wave oscillator engineered for laboratory testing, calibration, and system integration where signal accuracy and stability are critical. It delivers stable output across a wide frequency range with exceptional repeatability and minimal drift, making it ideal for demanding B2B measurement and characterization tasks.

Technical Specifications

- Frequency Generation Range: 10 Hz to 1 MHz across 4 selectable ranges
- Accuracy: $\pm 0.2\%$ or ± 1 Hz (whichever is greater) at 25°C
- Repeatability: Better than $\pm 0.01\%$
- Digital selection: Up to 36,900 discrete frequencies via four in-line switches plus continuous vernier control
- Stability: Post-warmup drift < 10 PPM/minute; temperature coefficient < 100 PPM/°C; line voltage variation < 100 PPM per 10% change
- Output Characteristics
- Signal: Sine wave
- Amplitude: 0 to 10 V RMS into 600 Ω (-60 dBm to +22 dBm); 20 V open circuit
- Source impedance: 600 Ω
- Distortion: $< 0.3\%$ (30 Hz to 100 kHz); $< 1\%$ (10 Hz to 1 MHz)
- Hum and noise: 600 Ω maintains waveform

purity; lower impedances increase distortion Dual voltage operation: 115 V or 230 V ($\pm 10\%$ tolerance), 50–60 Hz, 10 W consumption 0.2 A slow-blow fuse (HP 2110-0106) for both voltage settings Typical Applications Precision signal generation for component characterization, filter testing, analog circuit validation, and metrology standards verification where frequency accuracy and output stability dominate requirements. Compatibility & Integration Standard output terminals interface with test loads. Optional HP 11004A line matching transformer extends frequency response to 5 kHz–600 kHz range.

Features & description

From manufacturer datasheet

Features

- Digital frequency setting across audio/HF • Calibrated output into 600 ohm class loads • Compact benchtop oscillator

Applications

- General-purpose lab sine stimulus 10 Hz to 1 MHz • Filter and amplifier response checks • Bridge and meter excitation

4204A Characteristics / Specifications

PARAMETER	VALUE
Model	4204A
Manufacturer	HP / Agilent
Instrument Type	Oscillator
Alias	4204A; Agilent 4204A; HP 4204A
Frequency range	10 Hz to 1 MHz
Frequency accuracy	0.2% or 0.1 Hz, whichever is greater
Output	10 V into 600 ohm
Distortion	less than 0.3% from 30 Hz to 100 kHz Notes Specs from HP 4204A oscillator literature summaries. Confirm output attenuator settings and any options on the faceplate.

4204A Specifications

PARAMETER	VALUE
HP / Agilent 4204A Oscillator	Overview
Applications	- General-purpose lab sine stimulus 10 Hz to 1 MHz
Technical Specifications	Model: 4204A
Notes	Specs from HP 4204A oscillator literature summaries. Confirm output attenuator settings and any options on the faceplate.

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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Specifications

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