

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 8, 2026

AGILENT

HP / Agilent 5262A TIME INTERVAL UNIT

The HP 5262A is a time-interval plug-in unit for HP electronic counters (e.g. 5243L / 5245L family). It measures the time between start and stop electrical events from 1 μ s to 10^8 seconds with 0.1 μ s resolution when counting frequencies available from the host counter (or external frequencies ≤ 20 MHz). Two independent channels provide selectable slope and continuously adjustable trigger levels. Pulse width and delay measurement; interval between edges on common or separate cables; time-interval metrology with crystal-referenced counters; start/stop event timing in lab and production. Instrument Type: Time Interval Plug-In Unit Alias: HP 5262A; Agilent 5262A; Time Interval Unit 1 μ s–1e8 s; 0.1 μ s res; dual trigger –250 to +250 V Requires compatible HP electronic counter mainframe. Prefer HP 5262A operating manual Table 1-1. Power off mainframe before inserting/removing plug-in.

No photo

MODEL

Agilent 5262A

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

5262A

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

- Range: 1 μs to 10^8 s (start/stop must be ≥ 1 μs apart for useful readings)
- Resolution: 0.1 μs class (with host counter frequencies)
- Accuracy: ± 1 period of counted standard frequency $\pm$ time-base accuracy
- Input: 0.3 V p-p minimum, DC coupled
- Trigger amplitude: continuously adjustable -250 V to $+250$ V both channels
- Trigger slope: positive or negative, independently selected
- Channels: independent or common (COM/SEP)
- Input impedance: 10 k Ω / <80 pF on X.1–X.2; higher on X.3–X100 multipliers
- Overload: up to 50–250 V rms depending on multiplier position
- Discriminator frequency range: 0 to 2 MHz when used as input discriminator
- Registration: on host counter display (e.g. 5243L)

5262A Characteristics / Specifications

PARAMETER	VALUE
Model	5262A
Manufacturer	Hewlett-Packard / Agilent
Instrument Type	Time Interval Plug-In Unit
Family	HP 524x Counter Plug-Ins
Alias	HP 5262A; Agilent 5262A; Time Interval Unit Electrical 1 μ s–1e8 s; 0.1 μ s res; dual trigger –250 to +250 V Operational Notes Requires compatible HP electronic counter mainframe. Prefer HP 5262A operating manual Table 1-1. Power off mainframe before inserting/removing plug-in.
Range	1 μ s to 10 ⁸ s (start/stop must be $\geq$ 1 μ s apart for useful readings)
Resolution	0.1 μ s class (with host counter frequencies)
Accuracy	$\pm$ 1 period of counted standard frequency $\pm$ time-base accuracy
Input	0.3 V p-p minimum, DC coupled
Trigger amplitude	continuously adjustable –250 V to +250 V both channels
Trigger slope	positive or negative, independently selected
Channels	independent or common (COM/SEP)
Input impedance	10 k Ω / <80 pF on X.1–X.2; higher on X.3–X100 multipliers
Overload	up to 50–250 V rms depending on multiplier position
Discriminator frequency range	0 to 2 MHz when used as input discriminator
Registration	on host counter display (e.g. 5243L)

5262A Specifications

PARAMETER	VALUE
HP / Agilent 5262A TIME INTERVAL UNIT	Overview
Key Features	- Range: 1 μ s to 10 ⁸ s (start/stop must be $\geq$ 1 μ s apart for useful readings)
Technical Specifications	Model: 5262A
Electrical	1 μ s–1e8 s; 0.1 μ s res; dual trigger –250 to +250 V

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	5262A
Manufacturer	Hewlett-Packard / Agilent
Instrument Type	Time Interval Plug-In Unit
Family	HP 524x Counter Plug-Ins
Alias	HP 5262A; Agilent 5262A; Time Interval Unit

Electrical

1 μ s-1e8 s; 0.1 μ s res; dual trigger -250 to +250 V

Operational Notes

Requires compatible HP electronic counter mainframe. Prefer HP 5262A operating manual Table 1-1. Power off mainframe before inserting/removing plug-in.

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>

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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.