

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 3, 2026

KEYSIGHT

Keysight 8601A Generator/Sweeper

The HP/Agilent/Keysight 8601A is a classic RF generator/sweeper used for general-purpose swept and CW RF stimulus. Public historical references describe it as a compact generator/sweeper for laboratory and production RF work. Exact frequency span and power limits should be taken from the unit faceplate and the HP 8601A operating/service manual for the specific serial revision. General RF CW and swept stimulus; alignment and troubleshooting of RF circuits; educational and service bench use. Manufacturer: Keysight Technologies (HP/Agilent heritage) Function: CW generation and frequency sweep Frequency range and output power: revision-dependent – use HP 8601A Operating and Service Manual and faceplate markings (do not invent unverified span/power) Sweep and CW operating modes as implemented on the 8601A front panel

No photo

MODEL

Keysight 8601A

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

8601A

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

- Instrument type: Generator / Sweeper • Manufacturer lineage: Hewlett-Packard → Agilent → Keysight
- Compact benchtop RF source with sweep capability • Confirm frequency coverage and output level on faceplate/manual for the installed revision

8601A Characteristics / Specifications

PARAMETER	VALUE
Model	8601A
Manufacturer	Keysight Technologies (HP/Agilent heritage)
Instrument Type	RF Generator / Sweeper
Alias	8601A; HP 8601A; Agilent 8601A RF
Function	CW generation and frequency sweep
Frequency range and output power	revision-dependent – use HP 8601A Operating and Service Manual and faceplate markings (do not invent unverified span/power) Controls / Modes Sweep and CW operating modes as implemented on the 8601A front panel Markers and leveling features per installed revision
Manufacturer lineage	Hewlett-Packard → Agilent → Keysight

8601A Specifications

PARAMETER	VALUE
Keysight 8601A Generator/Sweeper	Overview
Applications	General RF CW and swept stimulus; alignment and troubleshooting of RF circuits; educational and service bench use.
Key Features	- Instrument type: Generator / Sweeper
Technical Specifications	Model: 8601A
Controls / Modes	Sweep and CW operating modes as implemented on the 8601A front panel

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	8601A
Manufacturer	Keysight Technologies (HP/Agilent heritage)
Instrument Type	RF Generator / Sweeper
Alias	8601A; HP 8601A; Agilent 8601A

RF

Function: CW generation and frequency sweep

Frequency range and output power: revision-dependent - use HP 8601A Operating and Service Manual and faceplate markings (do not invent unverified span/power)

Controls / Modes

Sweep and CW operating modes as implemented on the 8601A front panel

Markers and leveling features per installed revision

Operational Notes

Sparse modern OEM web datasheets; prefer original HP 8601A manual for warranted frequency, power, and residual FM specs matching the serial prefix.

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

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 3, 2026

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