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**Data Sheet**

August 8, 2026

AGILENT

# HP / Agilent 8350A SWEEP OSCILLATOR

The HP 8350A is a modular sweep oscillator mainframe that accepts interchangeable 835xx RF plug-in modules to cover bands from RF through millimeter-wave frequencies. The mainframe provides CW and swept operation, markers, ALC leveling interfaces, and remote control for broadband microwave stimulus when paired with a compatible RF unit. Frequency coverage, power, and harmonic performance are determined by the installed plug-in. Broadband swept-frequency stimulus with 835xx plug-ins; scalar network and component test; receiver LO/stimulus generation; locked-sweep systems with 5344S synchronizer; automated microwave production test. Instrument Type: Sweep Oscillator Mainframe Alias: HP 8350A; Agilent 8350A; SWEEP OSCILLATOR Modular mainframe; RF specs per installed 835xx plug-in. Prefer HP 8350A operation/service manual plus the installed RF plug-in datasheet for exact frequency and power. Mainframe alone does not define RF coverage – confirm plug-in model on the unit.

No photo

MODEL

**Agilent 8350A**

CALIBRATION

**N/A — off-catalog  
OEM datasheet**

CONDITION

**See OEM  
documentation**

STATUS

**Not listed on  
Aumictech  
inventory**

RFQ / SKU

**8350A**

LISTING

**Off-catalog — OEM dat  
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

## Features & description

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From manufacturer datasheet

### Features

- Mainframe: HP 8350A Sweep Oscillator
- Modular RF plug-in architecture (835xx family)
- Modes: CW, continuous and triggered sweeps
- Markers and ALC/external leveling interfaces
- Compatible with microwave source synchronizers (e.g. 5344S) for locked sweeps
- Remote programming via HP-IB class interface
- Frequency range, power, and flatness: plug-in dependent
- Front-panel controls for start/stop, CF/ $\Delta$ F, power, and markers
- Rack/bench sweep-oscillator form factor

## 8350A Characteristics / Specifications

| PARAMETER                            | VALUE                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                | 8350A                                                                                                                                                                                                                                                                                                                          |
| Manufacturer                         | Hewlett-Packard / Agilent                                                                                                                                                                                                                                                                                                      |
| Instrument Type                      | Sweep Oscillator Mainframe                                                                                                                                                                                                                                                                                                     |
| Family                               | HP 8350 Series                                                                                                                                                                                                                                                                                                                 |
| Alias                                | HP 8350A; Agilent 8350A; SWEEP OSCILLATOR System Modular mainframe; RF specs per installed 835xx plug-in Operational Notes<br>Prefer HP 8350A operation/service manual plus the installed RF plug-in datasheet for exact frequency and power. Mainframe alone does not define RF coverage – confirm plug-in model on the unit. |
| Mainframe                            | HP 8350A Sweep Oscillator                                                                                                                                                                                                                                                                                                      |
| Modes                                | CW, continuous and triggered sweeps                                                                                                                                                                                                                                                                                            |
| Frequency range, power, and flatness | plug-in dependent                                                                                                                                                                                                                                                                                                              |

# 8350A Specifications

| PARAMETER                           | VALUE                                                   |
|-------------------------------------|---------------------------------------------------------|
| HP / Agilent 8350A SWEEP OSCILLATOR | Overview                                                |
| Key Features                        | - Mainframe: HP 8350A Sweep Oscillator                  |
| Technical Specifications            | Model: 8350A                                            |
| System                              | Modular mainframe; RF specs per installed 835xx plug-in |

# 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.

performance are determined by the installed plug-in.

Applications

Broadband swept-frequency stimulus with 835xx plug-ins; scalar network and component test; receiver LO/stimulus generation; locked-sweep systems with 5344S synchronizer; automated microwave production test.

Key Features

- Mainframe: HP 8350A Sweep Oscillator
- Modular RF plug-in architecture (835xx family)
- Modes: CW, continuous and triggered sweeps
- Markers and ALC/external leveling interfaces
- Compatible with microwave source synchronizers (e.g. 5344S) for locked sweeps
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- Frequency range, power, and flatness: plug-in dependent
- Front-panel controls for start/stop, CF/ $\Delta$ F, power, and markers
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Technical Specifications

### Technical Specifications

| PARAMETER       | VALUE                                     |
|-----------------|-------------------------------------------|
| Model           | 8350A                                     |
| Manufacturer    | Hewlett-Packard / Agilent                 |
| Instrument Type | Sweep Oscillator Mainframe                |
| Family          | HP 8350 Series                            |
| Alias           | HP 8350A; Agilent 8350A; SWEEP OSCILLATOR |

System

Modular mainframe; RF specs per installed 835xx plug-in

Operational Notes

Prefer HP 8350A operation/service manual plus the installed RF plug-in datasheet for exact frequency and power. Mainframe alone does not define RF coverage – confirm plug-in model on the unit.

### 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](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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NIST-traceable calibration · SAM registered ·  
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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.