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Data Sheet

August 15, 2026

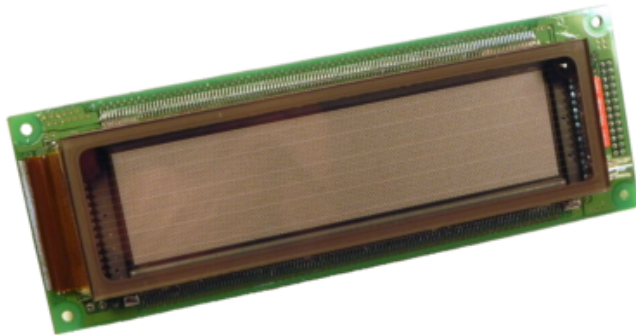
AGILENT / KEYSIGHT

Agilent/Keysight 2090

Queue model 2090 is the HP/Agilent/Keysight 2090 remaining-queue instrument (four-digit model token). Remaining-queue title is Agilent/Keysight 2090. HP 209x numbers in this catalog are instrument or accessory identities; exact function and ratings are on the 2090 nameplate and are not invented here. Systems that specify HP/Agilent/Keysight 2090.

HP/Agilent/Keysight 2090 remaining-queue model Manufacturer: Hewlett Packard / Agilent / Keysight Systems that specify HP/Agilent/Keysight 2090. HP/Agilent/Keysight 2090 remaining-queue model Manufacturer: Hewlett Packard / Agilent / Keysight Literature:

HP/Agilent/Keysight 2090 remaining-queue listing



MODEL

**Agilent / Keysight
2090**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

2090

LISTING

[https://aumictechlabs.c
om/products/2090-2/](https://aumictechlabs.com/products/2090-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 2090 is a signal simulation and processing platform engineered for complex measurement environments in satellite communications and broadband wireless access. It functions as an automated test system that integrates with other Keysight instruments and software to deliver end-to-end signal generation and analysis solutions. The instrument supports multi-channel coherent signal simulation with configurable display options and comprehensive system-level diagnostics. Technical Specifications Display Options: LCD with rear-panel contrast adjustment, or Vacuum Fluorescent Display (VFD) with 2×40 character resolution and fixed 100% intensity Signal Generation Capability: Multi-channel coherent outputs up to 44 GHz with precise

phase and amplitude offsets RF Modulation Bandwidth: 1 GHz (E8267D PSG vector signal generator) Arbitrary Waveform Generation: 1.25 GS/s sampling rate, 15-bit resolution, dual independent output channels (N6030A)Key Features Precision System Interface providing high-reliability RF switching and wideband isolation for simultaneous multi-point measurements Single-connection architecture minimizing external cabling complexity Integrated system software with user-defined operator security levels and SCPI pass-through capability Measurement libraries with automatic calibration offset correction and path effect compensation First-level diagnostic self-test functionality for rapid fault isolation LO signal distribution lock boxes enabling phase coherence across multi-channel configurationsTypical Applications Satellite communication system verification Broadband wireless access signal validation Multi-carrier and multi-channel signal simulation Complex RF environment emulation in development and manufacturingCompatibility & Integration The Z2090B variant integrates with the E8267D PSG vector signal generator (direct I/Q modulation to 44 GHz, 1 GHz RF bandwidth) and N6030A Arbitrary Waveform Generator (1.25 GS/s, 15-bit). Rack integration supported via ballast kits (C2790AC: 30-pound anti-tip solution). Complete system software handles operator interface management, security protocols, and measurement automation with full SCPI command support.

2090 Characteristics / Specifications

PARAMETER	VALUE
Model	2090
Instrument Type	instrument
Manufacturer	Hewlett Packard / Agilent / Keysight
Literature	HP/Agilent/Keysight 2090 remaining-queue listing
Family	HP 209x class
Form Factor	HP 2090 instrument / module
System Role	instrument
Brand Lineage	HP / Agilent / Keysight
Queue Title	Agilent/Keysight 2090
Documentation Type	OEM 2090 listing
Use Case	Systems that specify HP/Agilent/Keysight 2090
Vendor Path	HP / Agilent / Keysight
Year Class	2090 generation
Application Class	instrument
Module Class	instrument
Host Class	instrument host per drawing
Connector Class	connectors on the 2090 drawing
Ate Class	remaining-queue 2090 class
Control Class	2090 front panel / firmware
Environment Class	ambient on the 2090 sheet
Mains Class	mains on the 2090 nameplate
Voltage Class	volts on the 2090 nameplate
Current Class	amperes on the 2090 nameplate

2090 Specifications

PARAMETER	VALUE
Agilent Keysight 2090 Instrument	Overview
Applications	Systems that specify HP/Agilent/Keysight 2090.
Key Features	HP/Agilent/Keysight 2090 remaining-queue model
Technical Specifications	Model: 2090
Notes	From remaining-queue title Agilent/Keysight 2090. Function and ratings are on the 2090 nameplate.

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	
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Notes	
From remaining-queue title Agilent/Keysight 2090. Function and ratings are on the 2090 nameplate.	

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.