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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 3396 Series III Integrator

The Keysight/Agilent/HP 3396 Series III Integrator is a laboratory data handling and instrument control system for Gas Chromatography (GC) and Liquid Chromatography (HPLC) applications. It has automated data analysis, peak integration, and calibration management with built-in BASIC language for custom programming. The unit accepts analog voltage inputs from non-INET instruments and digital data from INET-compatible chromatography systems, processing signals at 20 slices per second (0.05 second slice width). Memory expansion capabilities and sequence chaining enable multi-method workflows across Agilent and third-party instruments. Memory: 256 kbytes internal storage; two expansion card slots; power-failure protected Data Sampling: 0.05 second slice width (20 slices/second) for analog input conversion Connectivity: RS-232 communications port; supports INET instrument set point storage

**MODEL****Keysight / Agilent /
HP 3396 Series III****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****3396 Series III****LISTING**<https://aumictechlabs.com/products/3396-series-iii-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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at 20 slices per second (0.05 second slice width). Memory expansion capabilities and sequence chaining enable multi-method workflows across Agilent and third-party instruments. Technical Specifications Memory: 256 kbytes internal storage; two expansion card slots; power-failure protected Data Sampling: 0.05 second slice width (20 slices/second) for analog input conversion Connectivity: RS-232 communications port; supports INET instrument set point storage Power Requirements: 115 V or 230 V ac ($\pm 15\%$ to -22%); 48–66 Hz; 50 VA maximum Operating Environment: 5°C to 40°C; up to 2000 m altitude; 10–90% relative humidity (non-condensing); corrosive-chemical-free atmosphere; indoor use only Physical Footprint: 46 cm width $\times$ 46 cm depth; requires 46 cm clearance above unit Safety Classification: IEC Class 1 Key Features Automated baseline drawing and post-run reintegration Point-Point, Linear, and Non-Linear calibration curve analysis Peak recognition and multi-level calibration support Automatic file naming and sequence chaining with NEXT SEQUENCE function Chromatogram replotting and baseline redrawing capabilities Compatible with HP 6890 GC programming; leverages instrument set point storage for INET devices Supports non-INET samplers and Remote Start/Stop (RSS) configurations Typical Applications GC and HPLC data acquisition and processing Multi-sample batch analysis with automated reporting Custom method development via embedded BASIC Reintegration of archived chromatograms with alternate parameters Compatibility & Integration Operates with Agilent instruments (e.g., HP 5890 GC, HP 6890 GC) and non-Agilent chromatography systems. Accepts analog voltage input and digital data streams from INET instruments. Data file management supports sequence storage and post-run method assignment across chained runs.

Features & description

From manufacturer datasheet

Features

- Chromatograph integrator not a spectrum analyzer

3396SERIESIII Characteristics / Specifications

PARAMETER	VALUE
Model	3396 Series III
Manufacturer	Hewlett Packard / Agilent
Instrument Type	Laboratory Chromatograph Integrator
Family	3390/3392/3396
Alias	3396 Series III; HP 3396A Series III
Function	peak integration and reporting
Input	analog chromatograph detector signal
Series	III (later than Series II)
Related 3390A	earlier integrator
Related 3392A	earlier integrator
Related 3396 Series II	previous 3396 generation
NotAGC	integrator only; GC isaseparate 5890/6890
Not 35670A	notadynamic signal analyzer
Form	benchtop integrator with printer
Paper	thermal/printer reports (Series III printer)
Methods	stored integration methods
Peaks	peak detect/integrate/quantitate
Timebase	run-time clock for chromatograms
Attenuation	input attenuation ranges (confirm faceplate)
Zero	analog zero/offset
Remote	start/stop from chromatograph
Status	HP 3396 Series III EOL
Power	mains benchtop
Use	analytical chemistry data
Documentation	3396 Series III reference

PARAMETER	VALUE
Calibration	analog input cal
Interface	HP-IB/serial per option
Channels	typically single analog input (confirm) Notes Laboratory integrator identity from HP 3396 Series III product literature. Analog input voltage range attenuation and printer type are configuration-specific. Confirm Series III versus Series II firmware on the splash/self-test screen.

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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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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<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.