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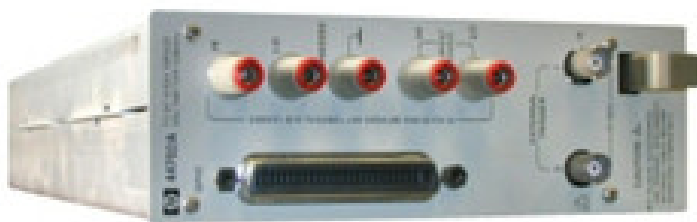
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 44702A

HP Agilent 44702A 13 Bit High Speed Voltmeter for 3852A The HP 44702A is a 13-bit high-speed voltmeter plug-in for the 3852A mainframe. OEM 3852A/44702A tables list DC voltage, current, and 2-wire/4-wire ohms with autoranging and up to 100,000 readings per second. Paired with 44713A 24-channel FET multiplexers it supports 100,000 scans and measures per second. 44702B is the B-revision high-speed voltmeter in the same family. High-speed scanned DC measurements and transient capture in 3852A systems. The HP 44702A is a 13-bit high-speed voltmeter plug-in for the 3852A mainframe. OEM 3852A/44702A tables list DC voltage, current, and 2-wire/4-wire ohms with autoranging and up to 100,000 readings per second. Paired with 44713A 24-channel FET multiplexers it supports 100,000 scans and measures per second. 44702B is the B-revision high-speed voltmeter in the same family. High-speed scanned DC measurements and transient capture in 3852A systems. Instrument Type: High-speed voltmeter plug-in Reading Rate: up to 100000 readings per second



MODEL

**Agilent / Keysight
44702A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

44702A

LISTING

<https://aumictechlabs.com/products/44702a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 44702A is a plug-in module for the 3852A Data Acquisition/Control Mainframe that enables automated test and measurement operations. This instrument facilitates communication and data transfer between test instruments and controllers via GPIB interface,

supporting expandable and customizable measurement system architectures. Technical Specifications The 44702A integrates directly into the 3852A mainframe as a dedicated communication module. It has GPIB interface capabilities for instrument control and data exchange within modular test systems. Key Features Plug-in module design for 3852A mainframe integration GPIB-based instrument communication and control Supports automated test and measurement workflows Modular architecture enabling system expansion Typical Applications The 44702A serves automated test environments where multiple instruments must be coordinated through a centralized controller. Applications include data acquisition systems, parametric testing, and multi-instrument measurement setups that require real-time communication and synchronization between components. Compatibility & Integration The 44702A is designed exclusively for integration with the Agilent/Keysight 3852A Data Acquisition/Control Mainframe. It functions as part of Keysight's modular test system ecosystem, which includes complementary modules such as integrating voltmeters, DC power supplies, and measurement instruments. The modular approach allows engineers to configure test systems matched to specific measurement requirements. Product Status: This product has been discontinued by Keysight and is no longer available through direct manufacturer channels, though legacy system support may continue for existing installations.

44702A Characteristics / Specifications

PARAMETER	VALUE
Model	44702A
Instrument Type	High-speed voltmeter plug-in
Host Mainframe	3852A
Resolution	13 bit
Reading Rate	up to 100000 readings per second
Functions	DC V, I, and ohms
Ohms Modes	2-wire and 4-wire
Autoranging	yes
Related Mux	44713A 24-channel high-speed FET multiplexer
Scan Rate With 44713A	up to 100000 scans and measures per second
Related Revision	44702B high-speed voltmeterRevision
Form Factor	3852A plug-in
Manufacturer	HP Agilent Keysight
Use Case	high-speed DAQ voltmeter
Control	3852A programming
Operating Temperature Class	3852A mainframe
Literature	HP 3852A 44702A plug-in tables
Year Introduced Class	1986
Family	44700 series
System Role	high-speed analog digitize on 3852A backplane
Related Integrating Dmm	44701A 5.5-digit integrating voltmeter
Documentation Type	OEM plug-in table
Brand Lineage	Hewlett Packard Agilent Keysight
Operating temperature	Class: 3852A mainframe

44702A Specifications

PARAMETER	VALUE
HP Agilent 44702A 13 Bit High Speed Voltmeter for 3852A	Overview
Applications	High-speed scanned DC measurements and transient capture in 3852A systems.
Key Features	13-bit high-speed voltmeter
Technical Specifications	Model: 44702A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 3852A mainframe
Operating Temperature	Class: 3852A mainframe
Operating Temperature Class	3852A mainframe
Literature	HP 3852A 44702A plug-in tables
Year Introduced Class	1986
Family	44700 series
System Role	high-speed analog digitize on 3852A backplane
Related Integrating Dmm	44701A 5.5-digit integrating voltmeter
Documentation Type	OEM plug-in table
Brand Lineage	Hewlett Packard Agilent Keysight Notes From HP 44702A 13-bit high-speed voltmeter listings (100000 rdg/s, DCV/I/ohms). Range, linearity, and memory depth are on the 44702A specification page; 44702B memory is not copied from 44702A.

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

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NIST-traceable calibration · SAM registered ·
30-day returns
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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.