

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent / Keysight 85620A Mass Memory Module

Related Accessories: 85629B test and adjustment module; 85640A tracking generator
Interface: Host analyzer module interface Operating Temperature Spec Class: Follow host
portable SA sheet Documentation Scope: OEM 85620A mass memory documentation
Interface: Host analyzer module interface Operating Temperature Spec Class: Follow host
portable SA sheet Documentation Scope: OEM 85620A mass memory documentation Weight
Class: Module accessory mass class



MODEL

**Agilent / Keysight
85620A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

85620A

LISTING

<https://aumictechlabs.com/products/85620a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 85620A Mass Memory Module is a self-contained storage and processing accessory that expands the computational and data logging capabilities of compatible portable spectrum analyzers. It operates as an integrated computer without requiring external controllers, enabling unattended measurement execution, complex routine automation, and extended trace archival. The module delivers advanced measurement personalities, programmable limit-line functions, and single-key execution of stored measurement sequences - essential for semi-automated benchtop testing and field deployment scenarios. Technical Specifications Memory: 128 kB battery-backed RAM for user data Storage capacity: minimum 10 downloadable programs (DLPs) or over 100 traces with associated instrument states Expandable memory via credit-card-

size plug-in memory cards; one Keysight 85700A 32K-byte RAM card supplied Power consumption: 5.0 W at +5 Vdc (supplied by host analyzer) Operating temperature: -10°C to +55°C Storage temperature: -62°C to +85°C Humidity rating: 95% at 40°C for 5 days Operating altitude: 15,000 ft Non-operating altitude: 50,000 ft Enclosure protection: IP 20 per IEC-529 Military specification: MIL-T-28800C, Type III, Class 3 Physical dimensions: 131.25 mm H × 91.25 mm W Key Features Built-in clock/calendar with automatic timestamp logging of saved traces Auto-save triggering when user-defined criteria are satisfied Auto-execute function for unattended program operation Smart limit lines with up to 20 frequency and amplitude breakpoints Dual limit-line capability (maximum and minimum values) Absolute and relative limit-line definition modes Measurement personality expansion for enhanced analyzer functionality Typical Applications Long-duration, unattended RF spectrum monitoring Automated test routine development and execution Multi-trace data logging with time-stamped archival Field-based semi-automated measurement campaigns Compatibility & Integration Primary compatibility: Agilent/Keysight 8560A, 8560B, 8560E, and 8560EC-series portable spectrum analyzers. Compatible with select other Hewlett-Packard analyzer models. Accepts Keysight 85700A 32K-byte RAM memory cards for storage expansion.

85620A Characteristics / Specifications

PARAMETER	VALUE
Model	85620A
Instrument Type	Mass memory module
Host Family	8560-series portable spectrum analyzers
Compatible Hosts Class	8560A/8561/8562/8563 portable class
Function	Nonvolatile mass storage for analyzer data
Stored Objects	Traces, instrument states, DLP programs class
Warmup Spec Class	Follow instrument warm-up guidance
Safety Class	Observe published maximum ratings
Chassis Form	Plug-on module for portable SA
Brand Lineage	HP / Keysight / Agilent
Related Accessories	85629B test and adjustment module; 85640A tracking generator
Interface	Host analyzer module interface
Power	Derived from host analyzer
Operating Temperature Spec Class	Follow host portable SA sheet
Documentation Scope	OEM 85620A mass memory documentation
Weight Class	Module accessory mass class
Storage Media Class	Nonvolatile module memory
Remote Use	Stored states recallable under host control
Field Use	Portable spectrum analysis workflow support
Calibration	Does not replace analyzer RF calibration
Firmware Class	Host firmware dependent feature set
Installed Options	Verify memory capacity marking on unit
Manufacturer Documentation	OEM datasheet and user documentation
Operating temperature	Spec Class: Follow host portable SA sheet

85620A Specifications

PARAMETER	VALUE
Keysight / Agilent 85620A Mass Memory Module	Overview
Applications	Field spectrum analyzer state/trace storage, downloadable program execution, and portable ATE helper memory for 8560-series instruments.
Key Features	Mass memory expansion for 8560 portable SAs
Technical Specifications	Model: 85620A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Spec Class: Follow host portable SA sheet
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Documentation Scope	OEM 85620A mass memory documentation
Weight Class	Module accessory mass class
Storage Media Class	Nonvolatile module memory
Remote Use	Stored states recallable under host control
Field Use	Portable spectrum analysis workflow support
Calibration	Does not replace analyzer RF calibration
Firmware Class	Host firmware dependent feature set
Installed Options	Verify memory capacity marking on unit
Manufacturer Documentation	OEM datasheet and user documentation Notes From HP/Agilent 8560-series accessory documentation for the 85620A mass memory module. Memory capacity markings on the installed module take precedence.

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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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.