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Data Sheet

August 14, 2026

HP / AGILENT

HP / Agilent 54717A Calibration plug-in for HP 54720D

The HP Agilent 54717A Measurement Accessory is a classic HP/Agilent instrument in the 54700-series oscilloscope accessory family. OEM HP catalog and operating literature provide model-specific ratings that must be confirmed on the faceplate and manual for the installed options. Laboratory and ATE use matched to the instrument class, production test support, and calibration workflows requiring the verified faceplate configuration. HP/Agilent system instrument architecture Front panel local control with remote path class Laboratory and ATE use matched to the instrument class, production test support, and calibration workflows requiring the verified faceplate configuration. HP/Agilent system instrument architecture Front panel local control with remote path class Instrument Family: HP Agilent 54717A Measurement Accessory



MODEL

**HP / Agilent
54717A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

54717A

LISTING

<https://aumictechlabs.com/products/54717a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The HP/Agilent 54717A is a single-slot calibration plug-in module engineered to maintain measurement accuracy and traceability in the HP 54720D digital oscilloscope mainframe. It delivers precision calibration signals that correct internal circuitry performance and compensate for measurement errors, ensuring the instrument operates within specified tolerances. This

module is essential for periodic calibration verification and performance validation of the 54720D and its associated plug-in channels. Technical Specifications Calibration Output Level: User selectable, -2 V to 2 V Termination: 50 Ω via supplied 20-dB BNC attenuator Operating Temperature Range: 15°C to 35°C (specifications valid $\pm 5^\circ\text{C}$ from calibration temperature) Module Format: Single-slot plug-in configuration Performance Verification: Tested to OEM critical specifications Key Features Calibrates HP 54720D mainframe and integrated plug-in channels User-adjustable calibration output spanning -2 V to 2 V Includes three BNC cables, 20-dB BNC attenuator (dual-purpose: attenuation and 50- Ω termination), and BNC Tee On-display connection guidance during calibration initialization Maintains measurement traceability and long-term accuracy Compatibility & Integration The 54717A installs in any slot of the HP 54720D or HP 54720A digital oscilloscope mainframe. Service documentation is available in the HP 54710A and 54720A Oscilloscopes service guide. Product Status Listed as obsolete by Keysight. Full support and enhanced self-support resources are available via the Keysight website. Calibration and repair services may be available through Keysight Service Centers or authorized third-party providers.

54717A Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	HP Agilent 54717A Measurement Accessory
Manufacturer	HP Agilent
Form Factor	rack or modular class per series
AC Powered	yes
Remote Interface Class	HP-IB/GPIB class on series
Local Control	front panel
Display	digital or analog meter class
Operating Temperature Class	laboratory
Cooling	forced air or convection class
Series Literature	54700-series oscilloscope accessory
Status Indicators	yes class
Self Test Path	configuration dependent
Calibration Path	HP procedures class
Protection Class	instrument specific protections
Input Output Isolation Class	per manual
Firmware Or Serial Prefix	determines exact table
Weight Class	series dependent
Size Class	series dependent
Power Consumption Class	series dependent
Safety Markings Class	IEC/UL era markings
Documentation	operating and service manuals required for numeric limits
Operating temperature	Class: laboratory
Output isolation	Class: per manual

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: laboratory
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Operating Temperature Class	laboratory
Cooling	forced air or convection class
Series Literature	54700-series oscilloscope accessory
Status Indicators	yes class
Self Test Path	configuration dependent
Calibration Path	HP procedures class
Protection Class	instrument specific protections
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Power Consumption Class	series dependent
Safety Markings Class	IEC/UL era markings
Documentation	operating and service manuals required for numeric limits Notes Sparse public numeric tables for this exact suffix; rows state verified identity and series class. Confirm exact ratings on the faceplate, option list, and HP operating manual before quoting limits. Do not invent V/I/frequency numbers.

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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exact ratings on the faceplate, option list, and HP operating manual before quoting limits. Do not invent V/I/frequency numbers.

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.