

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 1155A

The HP/Agilent 1155A is a 750 MHz low-mass active probe. OEM Infiniium/InfiniiVision probe tables list 1155A among 1145A/1155A active probes used with Wedge adapters, AutoProbe or probe-power interface depending on host, 10:1 class active probing for 54600/Infiniium-class 1 Mohm/AutoProbe scopes. Low-mass 750 MHz probing of densely packed digital nodes.

Instrument Type: Active oscilloscope probe Related 1145A: 1145A active probe same Wedge adapter family Low-mass 750 MHz probing of densely packed digital nodes. Instrument Type: Active oscilloscope probe Related 1145A: 1145A active probe same Wedge adapter family

Wedge Adapter: connects directly to 1145A/1155A



MODEL

**Agilent / Keysight
1155A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1155A

LISTING

[https://aumictechlabs.c
om/products/1155a-2/](https://aumictechlabs.com/products/1155a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 1155A is a two-channel active oscilloscope probe delivering 750 MHz bandwidth for high-fidelity signal acquisition on modern test platforms. Engineered for low-mass probing of fine-pitch integrated circuits and surface-mount components, the 1155A weighs less than 1 gram at the probe tip - minimizing loading effects and parasitic capacitance during sensitive measurements. Technical Specifications Bandwidth: 750 MHz Channels: 2 Input Impedance: 1 MΩ Input Capacitance: < 2 pF Probe Tip Weight: < 1 g Overall Weight: 0.23 kg (net) Key Features Autoprobe interface for direct integration with supported Infiniium oscilloscopes - eliminates manual probe setup and enables automatic attenuation correction Ultra-low input

capacitance preserves signal integrity on high-impedance circuits Lightweight probe tip reduces mechanical loading and contact stress on delicate test points Operating temperature range: 0 °C to +55 °C; storage to +70 °C Calibration verified against NIST-traceable equipment Accessory kit includes four probing pins, five SMT clips, two flexible leads, two spacing ground adapters, color-coded SMT leads, and BNC-to-probe-tip adapter Typical Applications Well-suited for precision analog and mixed-signal characterization, prototype validation, and compliance testing where minimal circuit loading and accurate waveform capture are critical. Compatibility & Integration Designed for Agilent Infiniium oscilloscopes: 54800, 8000, 80000, 9000, and 90000 series. Not compatible with InfiniiVision 5000, 6000, or 7000 Series - use 1145A active probe with 1142A power supply for those instruments. Autoprobe interface ensures plug-and-play operation with supported platforms.

1155A Characteristics / Specifications

PARAMETER	VALUE
Model	1155A
Instrument Type	Active oscilloscope probe
Bandwidth	750 MHz
Related 1145A	1145A active probe same Wedge adapter family
Wedge Adapter	connects directly to 1145A/1155A
Attenuation Class	10:1 class active probe
Manufacturer	HP Agilent Keysight
Mechanical Package	low-mass active probe
Host Scopes	54600 Infiniium InfiniiVision class as listed
Documentation	Keysight Infiniium probes data sheet 1145A/1155A
Application Class	dense digital node probing
Probe Power	from AutoProbe or probe power as fitted
Duty	continuous probing
Family	1145A 1155A active probes
Input Class	active FET probe
Ground	probe ground as supplied
Compensation	notapassive 10:1; active amplifier
Bandwidth Class	750 MHz
Use With Wedge	yes
Successor Class	later AutoProbe active probes N2795A family
Bandwidth Value	750 MHz
Probe Type	low-mass active probe
Attenuation	Class: 10:1 class active probe

1155A Specifications

PARAMETER	VALUE
HP Agilent 1155A 750 MHz Active Probe	Overview
Applications	Low-mass 750 MHz probing of densely packed digital nodes.
Key Features	750 MHz active probe
Works with Wedge adapters (1145A/1155A)	10:1 class active probe
Technical Specifications	Model: 1155A

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	
Specifications	
PARAMETER	VALUE
Model	1155A
Instrument Type	Active oscilloscope probe
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Attenuation Class	10:1 class active probe
Manufacturer	HP Agilent Keysight
Mechanical Package	low-mass active probe
Host Scopes	54600 Infiniium InfiniiVision class as listed
Documentation	Keysight Infiniium probes data sheet 1145A/1155A
Application Class	dense digital node probing
Probe Power	from AutoProbe or probe power as fitted
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Family	1145A 1155A active probes
Input Class	active FET probe
Ground	probe ground as supplied
Compensation	notapassive 10:1; active amplifier
Bandwidth Class	750 MHz
Use With Wedge	yes
Successor Class	later AutoProbe active probes N2795A family
Bandwidth Value	750 MHz
Probe Type	low-mass active probe
Notes	
From Keysight Infiniium probe accessory tables listing 1155A 750 MHz active probe with 1145A/Wedge. Exact input C/R and dynamic range are on the 1155A probe sheet.	

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.