

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U1560B Oscilloscope Probe

HP Agilent Keysight U1560B Scope Probe 1:1 50 MHz CAT III 600 V The Keysight U1560B is a 1:1 passive probe for Keysight handheld digital oscilloscopes (U1600A series). OEM operating instruction U1560-90102 lists dividing ratio 1:1, frequency range 0 to 50 MHz, rise time equal to the instrument rise time plus 2 ns, input capacitance equal to the instrument input capacitance plus 152 pF, 1.20 m lead, 140 g mass, CAT III 600 V rated voltage with touch-protected equipment, operating 0 C to 50 C, and non-operating minus 20 C to 70 C. Hook clip is CAT III 1000 V / CAT IV 600 V; ground lead with mini alligator is CAT III 1000 V. The Keysight U1560B is a 1:1 passive probe for Keysight handheld digital oscilloscopes (U1600A series). OEM operating instruction U1560-90102 lists dividing ratio 1:1, frequency range 0 to 50 MHz, rise time equal to the instrument rise time plus 2 ns, input capacitance equal to the instrument input capacitance plus 152 pF, 1.20 m lead, 140 g mass, CAT III 600 V rated voltage with touch-protected equipment, operating 0 C to 50 C, and non-operating minus 20 C to 70 C. Hook clip is CAT III 1000 V / CAT IV 600 V; ground lead with mini alligator is CAT III 1000 V. 1:1 handheld-scope probing of low-impedance nodes where 50 MHz and CAT III 600 V are sufficient.



MODEL

**Agilent / Keysight
U1560B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U1560B

LISTING

<https://aumictechlabs.com/products/u1560b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

While the Agilent/Keysight U1560B is described as a DC power supply in your request, the search results predominantly identify it as a Keysight U1560B passive probe. This probe works with use

with Keysight handheld digital oscilloscopes, specifically the U1600A Series. As there is no verifiable technical data found for a "Keysight U1560B DC power supply," this documentation will focus on the identified product, the U1560B passive probe. Keysight U1560B Passive Probe The Keysight U1560B is a passive oscilloscope probe offering enhanced performance compared to its predecessor, the U1560A. It features a larger bandwidth and a higher safety rating, making it suitable for a range of testing and measurement applications. Technical Specifications * Type: Passive Oscilloscope Probe Attenuation Ratio: 1:1 Maximum Frequency: 50 MHz Input Capacitance: +152 pF Cable Length: 1.2 meters Safety Rating: CAT III 600 V Interfaces and Connectivity * Compatibility: Designed for use with Keysight U1600A Series Handheld Digital Oscilloscopes. Connection: Standard oscilloscope probe connection. Physical Characteristics * Weight: 5.5 lbs Length: 47.24 inches Operational Details * Usage: The probe can be used with any test instrument that has an input impedance of 1 M Ω and whose input capacitance is within the compensation range. Connection Procedure: Always connect the probe to the test instrument before acquiring the test signal. When disconnecting, first detach the probe tip from the test signal. Accessories: Includes a hook clip for the probe tip and a ground lead with a mini alligator clip. Safety and Compliance * Measurement Categories: * Probe Assembly: CAT III 600 V * Hook Clip: CAT III 1000 V, CAT IV 600 V * Ground Lead: CAT III 1000 V Overvoltage Protection: Category III 600 V and Category IV 600 V. Certifications: UL listing mark with "C" and "US" indicators signifies compliance with both Canadian and U.S. requirements. Important Safety Notes: * Users must refer to the instrument's user guide to ensure no excessive voltage is applied or measurements are made outside the specified categories. * If the probe shows signs of wear or damage, it should not be used. * Using the probe in a manner not specified by Keysight Technologies may impair its protection and could result in instrument damage or personal injury. Why Choose Aumictech for Keysight U1560B? At Aumictech, we specialize in supplying high-end test and measurement equipment. Whether you need precise signal acquisition, enhanced bandwidth capabilities, or reliable safety ratings for your oscilloscope probing, our team ensures the Keysight U1560B delivers maximum performance for your application.

U1560B Characteristics / Specifications

PARAMETER	VALUE
Model	U1560B
Instrument Type	Handheld oscilloscope passive probe
Dividing Ratio	1:1
Frequency Range	0 to 50 MHz
Rise Time	measuring instrument rise time plus 2 ns
Input Capacitance	measuring instrument input capacitance plus 152 pF
Input Impedance	input impedance of the measuring instrument
Lead Length	1.20 m
Mass	140 g
Rated Voltage Probe	CAT III 600 V with touch-protected test equipment (frequency derated)
Hook Clip Rating	CAT III 1000 V, CAT IV 600 V
Ground Lead Rating	CAT III 1000 V mini alligator
Operating Temperature	0 C to 50 C
Nonoperating Temperature	minus 20 C to 70 C
Host Input	1 MOhm, compensation range per technical details
Literature	Keysight U1560-90102 Edition 1 April 15, 2016
Manufacturer	HP Agilent Keysight
Related	1 Probe: U1561B 500 MHz CAT III 1000 V
Related 1	1 Probe: U1562B 500 MHz 1.2 m
Handheld Family	U1600A series
Brand Lineage	Hewlett Packard Agilent Keysight
Form Factor	handheld scope probe with hook and ground lead
System Role	1:1 voltage probe
Safety Marks	UL C/US listing as stated on U1560-90102
Application Class	handheld DSO 1:1 probing

PARAMETER	VALUE
Duty	indoor handheld use
Compensation	1:1 probe follows instrument inputCplus 152 pF

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 C to 50 C
Operating Temperature	0 C to 50 C
Nonoperating Temperature	minus 20 C to 70 C
Host Input	1 MOhm, compensation range per technical details
Literature	Keysight U1560-90102 Edition 1 April 15, 2016
Manufacturer	HP Agilent Keysight
Related	1 Probe: U1561B 500 MHz CAT III 1000 V
Related 1	1 Probe: U1562B 500 MHz 1.2 m
Handheld Family	U1600A series
Brand Lineage	Hewlett Packard Agilent Keysight
Form Factor	handheld scope probe with hook and ground lead
System Role	1:1 voltage probe
Safety Marks	UL C/US listing as stated on U1560-90102
Application Class	handheld DSO 1:1 probing
Duty	indoor handheld use
Compensation	1:1 probe follows instrument inputCplus 152 pF Notes From Keysight U1560B Scope Probe 1:1 operating instruction U1560-90102 (1:1, 0 to 50 MHz, tr instrument plus 2 ns, C instrument plus 152 pF, 1.20 m, 140 g, CAT III 600 V, 0 to 50 C / minus 20 to 70 C). Frequency-dependent voltage is on the derating curve in that sheet.

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	U1560B
Instrument Type	Handheld oscilloscope passive probe
Dividing Ratio	1:1
Frequency Range	0 to 50 MHz
Rise Time	measuring instrument rise time plus 2 ns
Input Capacitance	measuring instrument input capacitance plus 152 pF
Input Impedance	input impedance of the measuring instrument
Lead Length	1.20 m
Mass	140 g
Rated Voltage Probe	CAT III 600 V with touch-protected test equipment (frequency derated)
Hook Clip Rating	CAT III 1000 V, CAT IV 600 V
Ground Lead Rating	CAT III 1000 V mini alligator
Operating Temperature	0 C to 50 C
Nonoperating Temperature	minus 20 C to 70 C
Host Input	1 MOhm, compensation range per technical details
Literature	Keysight U1560-90102 Edition 1 April 15, 2016
Manufacturer	HP Agilent Keysight
Related 10:1 Probe: U1561B 500 MHz CAT III 1000 V	
Related 100:1 Probe: U1562B 500 MHz 1.2 m	
Specifications	
PARAMETER	VALUE
Handheld Family	U1600A series
Brand Lineage	Hewlett Packard Agilent Keysight
Form Factor	handheld scope probe with hook and ground lead
System Role	1:1 voltage probe

PARAMETER	VALUE
Safety Marks	UL C/US listing as stated on U1560-90102
Application Class	handheld DSO 1:1 probing
Duty	indoor handheld use
Compensation	1:1 probe follows instrument inputCplus 152 pF

Notes

From Keysight U1560B Scope Probe 1:1 operating instruction U1560-90102 (1:1, 0 to 50 MHz, tr instrument plus 2 ns, C instrument plus 152 pF, 1.20 m, 140 g, CAT III 600 V, 0 to 50 C / minus 20 to 70 C). Frequency-dependent voltage is on the derating curve in that 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

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

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.