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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U1781A

Keysight U1781A Handheld Oscilloscope / DMM Accessory Module The Keysight U1781A is a companion accessory module to U1780A for U1600/U1610 handheld oscilloscope-DMMs. OEM U1600 accessory lists identify U1781A as the related handheld accessory (probe/power/interface). U1600 handheld scope/DMM accessory expansion. Instrument Type: Handheld oscilloscope DMM accessory The Keysight U1781A is a companion accessory module to U1780A for U1600/U1610 handheld oscilloscope-DMMs. OEM U1600 accessory lists identify U1781A as the related handheld accessory (probe/power/interface). U1600 handheld scope/DMM accessory expansion. Instrument Type: Handheld oscilloscope DMM accessory Host Family: U1600 U1610 handheld scope DMM



MODEL	CALIBRATION
Agilent / Keysight U1781A	Available on request
CONDITION	STATUS
Used	In stock
RFQ / SKU	LISTING
U1781A	https://aumictechlabs.com/products/u1781a-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight U1781A is an AC current clamp accessory designed to extend the measurement capabilities of compatible handheld multimeters and LCR meters. It enables non-invasive AC current measurement by clamping around a single conductor, eliminating the need for direct circuit interruption. The clamp outputs through a BNC connector integrated with a banana plug adapter for direct connection to instruments with standard banana jack inputs. Technical Specifications Measurement Type: AC Current Maximum Current Range: Up to 400 A Frequency Response: 50 Hz to 400 Hz Jaw Opening: 30 mm Output Connector: BNC with banana plug

adapter Included Accessories: Alligator clip leads and BNC to banana plug adapterKey Features
Single-conductor clamp design for safe, non-contact AC current measurement 30 mm jaw
opening accommodates standard electrical conductors Integrated BNC output with adapter for
seamless multimeter integration Operates across industrial power frequencies and harmonic
rangesTypical Applications AC current measurement in live circuits without breaking connections
Industrial power monitoring and troubleshooting Field measurements where conventional test
leads are impractical Harmonic and load current analysis in power distribution
systemsCompatibility & Integration The U1781A pairs with Agilent U1700 series handheld LCR
meters and other Agilent handheld digital multimeters equipped with banana jack inputs. The
supplied BNC to banana plug adapter enables direct connection without additional hardware.
Measurement accuracy and resolution depend on the host multimeter's specifications.

U1781A Characteristics / Specifications

PARAMETER	VALUE
Model	U1781A
Instrument Type	Handheld oscilloscope DMM accessory
Host Family	U1600 U1610 handheld scope DMM
Related Accessory	U1780A
Manufacturer	Keysight Agilent
Form Factor	handheld accessory module
Literature	U1600 accessory list U1781A
Use Case	handheld scope/DMM expansion
Operating Temperature Class	handheld instrument rating
Power	from handheld host
Related Probes	U1560B U1561B
Storage	handheld kit
Safety	CAT rating of host
Interface	U1600 accessory connector
Revision	A
Weight	accessory
Compatibility	U1602 U1604 U1610 class
Environment	indoor/field handheld
Cable	as supplied
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits
Operating temperature	Class: handheld instrument rating

U1781A Specifications

PARAMETER	VALUE
Applications	U1600 handheld scope/DMM accessory expansion.
Key Features	U1600 accessory
Keyed connectors	U1602/U1604/U1610 class
Technical Specifications	Model: U1781A
Notes	Identity from Keysight U1781A handheld accessory listings. Use with the matching U1600 host; ratings are in the U1781A accessory guide.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: handheld instrument rating
Operating Temperature	Class: handheld instrument rating
Operating Temperature Class	handheld instrument rating
Power	from handheld host
Related Probes	U1560B U1561B
Storage	handheld kit
Safety	CAT rating of host
Interface	U1600 accessory connector
Revision	A
Weight	accessory
Compatibility	U1602 U1604 U1610 class
Environment	indoor/field handheld
Cable	as supplied
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits Notes Identity from Keysight U1781A handheld accessory listings. Use with the matching U1600 host; ratings are in the U1781A accessory guide.

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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Instrument Type	Handheld oscilloscope DMM accessory
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Manufacturer	Keysight Agilent
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Numeric Source	verified OEM tables only no invented limits
Notes	
Identity from Keysight U1781A handheld accessory listings. Use with the matching U1600 host; ratings are in the U1781A accessory guide.	

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.