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Data Sheet

August 5, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) 974A High Accuracy Handheld Multimeter

Keysight (Agilent) 974A High Accuracy Handheld Multimeter The HP/Agilent/Keysight 974A is a high-accuracy handheld DMM with 4-1/2 digits (49,999 count). Basic DC accuracy 0.05%; AC true-RMS to 100 kHz; AC+DC, dB/dBm (0.01 dB resolution). Min/Max with time stamp, Hold/Auto Hold, average, auto diode reverse, secondary display, and auto power-off (~30 min). Precision field service; lab bench handheld measurements; temperature monitoring with thermistor. The HP/Agilent/Keysight 974A is a high-accuracy handheld DMM with 4-1/2 digits (49,999 count). Basic DC accuracy 0.05%; AC true-RMS to 100 kHz; AC+DC, dB/dBm (0.01 dB resolution). Min/Max with time stamp, Hold/Auto Hold, average, auto diode reverse, secondary display, and auto power-off (~30 min). Precision field service; lab bench handheld measurements; temperature monitoring with thermistor.



MODEL

**Keysight / Agilent
974A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

974A

LISTING

<https://aumictechlabs.com/products/974a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight (Agilent) 974A is a 4 ½ digit handheld multimeter delivering 49,999 counts full scale with 0.05% basic DC voltage accuracy. Built for precision electronic measurements, this instrument combines true RMS AC response with AC+DC measurement capability to accurately characterize nonsinusoidal waveforms up to 100 kHz. The 974A supports DC and AC voltage,

resistance, continuity, diode testing, DC and AC current, frequency, capacitance, temperature, and dBm/relative dBm readings. Technical Specifications Display: 4 ½ digit, 49,999 counts full scale DC Voltage: 1.0 kV maximum range, 0.05% accuracy across all ranges AC Voltage: 0.5% accuracy with true RMS response to 100 kHz Resistance: 0.06% accuracy Capacitance: Up to 1000 µF DC Current (DCA) and AC Current (ACA): Supported Frequency Measurement: Supported dBm and Relative dBm: Supported Operating Temperature: 0°C to 40°C Power: Battery operated (AA cells) Key Features True RMS AC response for accurate nonsinusoidal waveform measurement AC+DC readings enable combined signal analysis Min/Max recording with elapsed time tracking Zero storage across function changes (DCV zero, Ohms zero, Capacitance zero) Input overload alert with audible tone Terminal shutter prevents inadvertent current terminal misuse Auto power-off with defeat capability for extended operation Typical Applications The 974A serves electronics technicians and field engineers requiring high-accuracy voltage, resistance, and current measurements. AC+DC capability and true RMS response suit characterization of switched-mode power supplies, audio circuits, and nonsinusoidal industrial waveforms. dBm readings enable power level assessment in communications and RF applications. Compatibility & Integration Includes high-quality test lead set, spare fuse, rubber boot, and calibration certificate. User documentation available. Note: This product is obsolete and no longer manufactured or supported by Keysight.

Features & description

From manufacturer datasheet

Features

- Display: 4-1/2 digit, 49999 count
- Basic accuracy: 0.05% DCV; 0.5% ACV; 0.06% ohms
- AC response: true RMS; frequency response to 100 kHz
- AC+DC, dB, dBm
- DCV: 10 μ V resolution to 1000 V
- ACV: 10 μ V resolution to 750 V
- Ohms: 0.01 Ω resolution to 50 M Ω
- Current: 10 nA resolution to 10 A
- Frequency: 0.01 Hz to 200 kHz
- Thermistor temperature; bargraph
- Min/Max with elapsed time to 9999 min

974A Characteristics / Specifications

PARAMETER	VALUE
Model	974A
Manufacturer	Keysight Technologies (Agilent / HP)
Instrument Type	Handheld Digital Multimeter
Alias	974A; HP 974A; Agilent 974A Accuracy / Ranges
DCV basic	0.05%; ACV basic: 0.5%; Ohms basic: 0.06% Max DCV 1000 V; Max ACV 750 V; Max ohms 50 M Ω ; Max current 10 A Operational Notes Do not confuse with unrelated N7xxA catalog models. Prefer original HP 974A literature.
Display	4-1/2 digit, 49999 count
Basic accuracy	0.05% DCV; 0.5% ACV; 0.06% ohms
AC response	true RMS; frequency response to 100 kHz
DCV	10 μ V resolution to 1000 V
ACV	10 μ V resolution to 750 V
Ohms	0.01 Ω resolution to 50 M Ω
Current	10 nA resolution to 10 A
Frequency	0.01 Hz to 200 kHz

974A Specifications

PARAMETER	VALUE
Key Features	- Display: 4-1/2 digit, 49999 count
Technical Specifications	Model: 974A
Accuracy / Ranges	DCV basic: 0.05%; ACV basic: 0.5%; Ohms basic: 0.06%
Operational Notes	Do not confuse with unrelated N7xxA catalog models. Prefer original HP 974A literature.

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	974A
Manufacturer	Keysight Technologies (Agilent / HP)
Instrument Type	Handheld Digital Multimeter
Alias	974A; HP 974A; Agilent 974A

Accuracy / Ranges

DCV basic: 0.05%; ACV basic: 0.5%; Ohms basic: 0.06%

Max DCV 1000 V; Max ACV 750 V; Max ohms 50 MΩ; Max current 10 A

Operational Notes

Do not confuse with unrelated N7xxA catalog models. Prefer original HP 974A literature.

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

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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.