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Data Sheet

August 5, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) 971A Low Cost Handheld Multimeter

Keysight (Agilent) 971A Low Cost Handheld Multimeter The Keysight/Agilent/HP 971A is a low-cost handheld digital multimeter for basic voltage, current, and resistance measurements. Public detailed OEM datasheets are sparse; it is a general-purpose portable DMM in the HP/Agilent handheld meter family. Confirm range set, digit count, and safety category from the unit faceplate and original documentation. Field service; education; basic electrical troubleshooting. The Keysight/Agilent/HP 971A is a low-cost handheld digital multimeter for basic voltage, current, and resistance measurements. Public detailed OEM datasheets are sparse; it is a general-purpose portable DMM in the HP/Agilent handheld meter family. Confirm range set, digit count, and safety category from the unit faceplate and original documentation. Field service; education; basic electrical troubleshooting.



MODEL

**Keysight / Agilent
971A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

971A

LISTING

<https://aumictechlabs.com/products/971a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight (Agilent) 971A is a rugged, handheld 3.5-digit digital multimeter delivering essential electrical measurements for field technicians, students, and hobbyists. Built with a tough package and rubber seals, it withstands demanding environments while offering dual digital display capability for simultaneous readings or auxiliary data such as elapsed time. Technical

Specifications The 971A provides measurement across nine core functions. DC voltage measurement reaches 1.0 kV with $\pm 0.3\%$ accuracy; AC voltage extends to 1.0 kV at $\pm 1\%$ accuracy. Current measurement capability spans up to 10 A. Resistance measurements extend to 40 M Ω with $\pm 0.5\%$ accuracy. Capacitance ranges to 1000 μF ($\pm 2\%$ accuracy). Frequency measurement covers 0 Hz to 100 kHz. Temperature input accepts -50°C to 700°C (-58°F to 1292°F) via thermistor probe. Display resolution provides 3.5 digits across a 4000-count dual display.

Key Features Continuity and diode testing with automatic lead reversal (Auto Diode) Math functions: relative difference and percent readings for tolerance verification Min/Max logging with timestamp capture for trend monitoring Data Hold and Auto Hold for reading stabilization Average mode to attenuate measurement noise Input overload alert with audible tone notification Unique terminal shutter design prevents inadvertent current terminal engagement Fuse check functionality Zero storage between function changes (Ohms, DCV, and Capacitance) Battery-powered operation with 30-minute auto power-off (defeatable)

Typical Applications Suitable for bench troubleshooting, field service, educational environments, and general-purpose electrical diagnostics where portability and durability are essential.

Compatibility & Integration Standard multimeter input terminals accept voltage, current, and resistance test leads. Dedicated thermistor input for temperature measurement. Part of the Keysight (Agilent) multimeter series.

Features & description

From manufacturer datasheet

Features

- Model: 971A • Handheld digital multimeter • Measures DC/AC voltage, current, and resistance (typical handheld DMM functions) • Low-cost general-purpose design • Confirm exact ranges and accuracy on the instrument / user guide

971A Characteristics / Specifications

PARAMETER	VALUE
Model	971A
Manufacturer	Keysight Technologies (Agilent / HP)
Instrument Type	Handheld Digital Multimeter
Alias	971A; HP 971A; Agilent 971A Measurement
Functions and ranges	per HP/Agilent 971A documentation and faceplate. Do not invent digit count or accuracy tables beyond verified product identity. Operational Notes Do not confuse catalog hits for N7971A / N6971A / U4971A. Prefer original HP 971A user literature when available.

971A Specifications

PARAMETER	VALUE
Keysight (Agilent) 971A Low Cost Handheld Multimeter	Overview
Key Features	- Model: 971A
Technical Specifications	Model: 971A
Operational Notes	Do not confuse catalog hits for N7971A / N6971A / U4971A. Prefer original HP 971A user literature when available.

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	971A
Manufacturer	Keysight Technologies (Agilent / HP)
Instrument Type	Handheld Digital Multimeter
Alias	971A; HP 971A; Agilent 971A

Measurement

Functions and ranges: per HP/Agilent 971A documentation and faceplate. Do not invent digit count or accuracy tables beyond verified product identity.

Operational Notes

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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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<https://aumictechlabs.com>

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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.