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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 410C

The HP 410C is a multi-function electronic voltmeter for DC voltage, DC current, AC voltage (with the 11036A probe), and resistance. OEM operating and service manual Table 1-1 lists DC voltage from plus or minus 15 mV to plus or minus 1500 V full scale in 11 ranges (15-50 sequence) at plus or minus 2% of full scale, DC current from plus or minus 1.5 μ A to plus or minus 150 mA full scale at plus or minus 3% of full scale, and AC from 0.5 V to 300 V rms, 20 Hz to 700 MHz with the 11036A probe. General-purpose DC/AC voltage, current, and resistance measurements including RF probe work to 700 MHz. Dimensions: 6.5 in H by 5.125 in W by 11 in D behind panel (16.5 by 13.0 by 27.9 cm) Dc Maximum Input Low: 100 V on 15, 50, and 150 mV ranges Overload Recovery: recover from 100:1 overload in less than 3 s From HP 410C Electronic Voltmeter Operating and Service Manual Table 1-1 (HP part 00410-90005). AC rows require the 11036A probe. Option 02 is 410C without the AC probe.



MODEL

**Agilent / Keysight
410C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

410C

LISTING

<https://aumictechlabs.com/products/410c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 410C is a precision electronic voltmeter engineered for DC voltage, AC voltage, DC current, and resistance measurements across multiple ranges. Originally a Hewlett-Packard design, this instrument combines high input impedance architecture with broad measurement capability, serving engineers, technicians, and researchers working with analog circuits and vintage equipment. Technical Specifications Measurement Ranges: DC Voltage: 15 mV

to 1500 V full scale (positive and negative) DC Current: 1.5 μ A to 150 mA full scale (positive and negative) AC Voltage: 0.5 V to 300 V RMS (20 Hz to 100 MHz with 11036A AC Probe); extended operation to 700 MHz with frequency-dependent voltage limits Resistance: 10 Ω to 10 M Ω mid-scale ($\pm 5\%$ accuracy); extended range 0.2 Ω to 500 M Ω with reduced accuracy Accuracy: DC Voltage/Current: $\pm 2\%$ of full scale AC Voltage: $\pm 3\%$ of full scale at 400 Hz for sinusoidal inputs Resistance: $\pm 5\%$ mid-scale; $\pm 1\ \Omega$ on RX1 range Frequency Response: AC measurements flat within ± 1 dB to 700 MHz Indications obtainable to 3000 MHz with AC probe; probe resonant frequency ~ 1250 MHz Electrical Characteristics: DC input resistance: ~ 122 M Ω (all ranges) AC input resistance: 10 M Ω low frequency, decreasing at higher frequencies; with 11036A: 100 M Ω $\pm 1\%$ (≥ 500 mV range), 10 M Ω $\pm 3\%$ (≤ 150 mV range) Input capacitance: 1.5 pF Power: 115 or 230 V $\pm 10\%$, 48–440 Hz; 13 W (20 W with 11036A) Physical: 6.5" H $\times$ 5.125" W $\times$ 11" D; 8 lbs net Rack-mountable via 5060-0797 adapter; compatible with 1060 series combining cases

Key Features
High input impedance minimizes circuit loading during measurements. Peak-responding AC detection calibrated in RMS volts ensures accurate sinusoidal characterization. Extended AC frequency capability to 700 MHz with optional 11036A AC Probe supports RF circuit evaluation.

Typical Applications DC and low-frequency AC circuit analysis, resistance verification, vintage equipment characterization, and general analog electronics troubleshooting.

Compatibility & Integration Designed for integration with vintage test equipment ecosystems utilizing compatible connector types and impedance characteristics.

410C Characteristics / Specifications

PARAMETER	VALUE
Model	410C
Instrument Type	electronic voltmeter
Dc Voltage Ranges	plus or minus 15 mV to plus or minus 1500 V full scale, 11 ranges in 15 50 sequence
Dc Voltage Accuracy	plus or minus 2% of full scale on any range
Dc Input Resistance High Ranges	100 megohms plus or minus 1% on 500 mV range and above
Dc Input Resistance Low Ranges	10 megohms plus or minus 3% on 15 mV, 50 mV, and 150 mV ranges
Dc Current Ranges	plus or minus 1.5 uA to plus or minus 150 mA full scale, 11 ranges in 1.5 5 sequence
Dc Current Accuracy	plus or minus 3% of full scale on any range
Ohmmeter Center Scale	10 ohms to 10 megohms, 7 ranges
Ohmmeter Accuracy Midscale	plus or minus 5% of reading or plus or minus 2% of midscale, whichever is greater
Ac Voltage Ranges	0.5 V to 300 V full scale, 7 ranges in 0.5 1.5 5 sequence
Ac Accuracy At 400 Hz	plus or minus 3% of full scale for sinusoidal 0.5 to 300 V rms
Ac Frequency Range	20 Hz to 700 MHz with 11036A probe
Ac Frequency Response Midband	plus or minus 2% from 100 Hz to 100 MHz (400 Hz reference)
Ac Frequency Response Wide	plus or minus 10% from 20 Hz to 100 Hz and from 100 MHz to 700 MHz
Ac Probe Capacitance	1.5 pF
Ac Probe Resistance	greater than 10 megohms at low frequencies
Line Power	115 or 230 V plus or minus 10%, 50 to 1000 Hz, 13 W (20 W with 11036A)
Net Mass	8 lb (4.0 kg)
Dimensions	6.5 inHby 5.125 inWby 11 inDbhind panel (16.5 by 13.0 by 27.9 cm)
Dc Maximum Input Low	100 V on 15, 50, and 150 mV ranges
Amplifier Voltage Gain	100 maximum

PARAMETER	VALUE
Overload Recovery	recover from 100:1 overload in less than 3 s

410C Specifications

PARAMETER	VALUE
HP Agilent 410C Electronic Voltmeter	Overview
Applications	General-purpose DC/AC voltage, current, and resistance measurements including RF probe work to 700 MHz.
Detachable 11036A AC probe for RF	Floating common up to 400 V DC above chassis for DC and ohms
Amplifier output 1.5 V DC at full scale	Fits 5060-0797 rack adapter and 1050 combining cases
Technical Specifications	Model: 410C

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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Notes

From HP 410C Electronic Voltmeter Operating and Service Manual Table 1-1 (HP part 00410-90005). AC rows require the 11036A probe. Option 02 is 410C without the AC probe.

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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NIST-traceable calibration · SAM registered ·
30-day returns
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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.