


**Aumictech**

Test &amp; measurement • bought, sold, repaired, calibrated

**Data Sheet**

August 14, 2026

AGILENT / KEYSIGHT

# Agilent / Keysight 34460A Digital Multimeter, 6 Digit, Basic Truevolt

Agilent Keysight 34460A Truevolt Digital Multimeter The Agilent/Keysight 34460A is the entry Truevolt digital multimeter with 6.5 digits of resolution and 75 ppm basic 1-year DCV accuracy. OEM Truevolt datasheets list DCV/ACV from 100 mV to 1000 V, USB interface, and graphical trend/histogram displays. Bench DCV/ACV/resistance/current measurements and educational/lab Truevolt metrology where 75 ppm DCV accuracy is sufficient. Truevolt graphical display with histograms The Agilent/Keysight 34460A is the entry Truevolt digital multimeter with 6.5 digits of resolution and 75 ppm basic 1-year DCV accuracy. OEM Truevolt datasheets list DCV/ACV from 100 mV to 1000 V, USB interface, and graphical trend/histogram displays. Bench DCV/ACV/resistance/current measurements and educational/lab Truevolt metrology where 75 ppm DCV accuracy is sufficient. Truevolt graphical display with histograms ACV Range: 100 mV to 750 V class Truevolt family



MODEL

**Agilent / Keysight  
34460A**

CALIBRATION

**Available on  
request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**34460A**

LISTING

<https://aumictechlabs.com/products/34460a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

## This unit

The Keysight 34460A is a 6.5-digit digital multimeter built on Truevolt technology to deliver accurate measurements while minimizing noise and injected current effects. It combines a 4.3-

inch color graphical display with a full suite of measurement functions DC/AC voltage and current, resistance, frequency, capacitance, temperature, and diode testing - making it suitable for bench and field applications across electronics manufacturing, service, and research environments.

**Technical Specifications**

**Voltage & Current Measurement**

DC Voltage: 100 mV to 1000 V AC Voltage (True RMS): 100 mV to 750 V DC Current: 100  $\mu$ A to 3 A AC Current (True RMS): 100  $\mu$ A to 3 A Input Resistance: Selectable 10 M $\Omega$  or >10 G $\Omega$  on 0.1 V, 1 V, 10 V ranges; 10 M $\Omega$   $\pm$  1% on 100 V and 1000 V ranges Input Bias Current: <30 pA at 25  $^{\circ}$ C Resistance & Impedance 2-Wire and 4-Wire Resistance: 100  $\Omega$  to 100 M $\Omega$  Continuity: Audible tone indicator Capacitance: 1 nF to 100  $\mu$ F Frequency & Timing Frequency and Period: 3 Hz to 300 kHz

**Additional Functions**

Diode Test: 5 V Temperature Measurement: RTD/PT100 and thermistor support Accuracy & Performance Basic DC Voltage Accuracy (1-year): 75 ppm;  $\pm$ (0.0075% of reading + 0.0005% of range) A/D Linearity: 0.0002% of reading + 0.0001% of range Resolution: 6.5 digits Maximum Reading Rate: 300 readings/s at 4.5 digits Temperature Coefficient: 0.0040 + 0.0060 per  $^{\circ}$ C for DC voltage; 0.0040 + 0.0060 for 100  $\Omega$  resistance test current Input Protection: 1000 V on all ranges

**Key Features**

4.3-inch color display with number, histogram, bar chart, trend chart, math, and statistics modes 1,000-reading internal memory USB interface standard; optional LAN/LXI and GPIB connectivity Front-panel USB host port for mass storage configuration and data export ISO/IEC standards compliance (UL, CSA, CE) Operating temperature: 18–28  $^{\circ}$ C standard

**Compatibility & Integration**

USB connectivity enables direct connection to PCs and peripherals. Optional interfaces support LAN/LXI and GPIB for integration into automated test systems. Front-panel USB host allows standalone configuration management and data logging.

## 34460A Characteristics / Specifications

| PARAMETER                     | VALUE                                                                   |
|-------------------------------|-------------------------------------------------------------------------|
| Digits Of Resolution          | 6.5                                                                     |
| Basic 1 Year DCV Accuracy     | 75 ppm                                                                  |
| Maximum Reading Rate          | 300 rdgs/s                                                              |
| DCV Range                     | 100 mV to 1000 V                                                        |
| ACV Range                     | 100 mV to 750 V class Truevolt family                                   |
| DCI Range Class               | 100 uA to 3 A / 10 A class model dependent                              |
| Resistance Maximum            | 100 MOhm class                                                          |
| Frequency Period Range        | 3 Hz to 300 kHz                                                         |
| Capacitance Range Class       | 1.0 nF to 100.0 uF class                                                |
| Diode Test                    | Supported                                                               |
| Temperature                   | RTD/PT100 thermistor class                                              |
| Continuity                    | Supported                                                               |
| Display                       | Color graphical Truevolt                                                |
| Remote Interfaces             | USB                                                                     |
| Series Family                 | Keysight Truevolt DMM                                                   |
| AC RMS Technique              | Digital direct sampling Truevolt                                        |
| Crest Factor Capability Class | up to 10 without additional error terms class                           |
| Form Factor                   | Bench half-rack class                                                   |
| Weight                        | 3.68 kg (8.1 lb)                                                        |
| Operating Environment         | Full accuracy 0 to 55 C; full accuracy to 80% RH at 40 C non-condensing |
| Operating Altitude            | Up to 3000 m                                                            |
| Storage Temperature           | –40 to 70 C                                                             |
| Power Consumption             | 25 VA                                                                   |

# 34460A Specifications

| PARAMETER                                           | VALUE                                                                                                                         |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Agilent Keysight 34460A Truevolt Digital Multimeter | Overview                                                                                                                      |
| Applications                                        | Bench DCV/ACV/resistance/current measurements and educational/lab Truevolt metrology where 75 ppm DCV accuracy is sufficient. |
| Technical Specifications                            | Digits Of Resolution: 6.5                                                                                                     |
| Notes                                               | From Keysight Truevolt Digital Multimeters datasheet 5991-1983 rows for 34460A.                                               |

# General Specifications & Supplementary Characteristics

| PARAMETER           | VALUE                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------|
| Storage temperature | −40 to 70 C                                                                                 |
| Power Consumption   | 25 VA Notes From Keysight Truevolt Digital Multimeters datasheet 5991-1983 rows for 34460A. |

# 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                                                                   |
| Digits Of Resolution                     | 6.5                                                                     |
| Basic 1 Year DCV Accuracy                | 75 ppm                                                                  |
| Maximum Reading Rate                     | 300 rdgs/s                                                              |
| DCV Range                                | 100 mV to 1000 V                                                        |
| ACV Range                                | 100 mV to 750 V class Truevolt family                                   |
| DCI Range Class                          | 100 uA to 3 A / 10 A class model dependent                              |
| Resistance Maximum                       | 100 MOhm class                                                          |
| Frequency Period Range                   | 3 Hz to 300 kHz                                                         |
| Capacitance Range Class                  | 1.0 nF to 100.0 uF class                                                |
| Diode Test                               | Supported                                                               |
| Temperature                              | RTD/PT100 thermistor class                                              |
| Continuity                               | Supported                                                               |
| Display                                  | Color graphical Truevolt                                                |
| Remote Interfaces                        | USB                                                                     |
| Optional GPIB: Available as option class |                                                                         |
| Specifications                           |                                                                         |
| PARAMETER                                | VALUE                                                                   |
| Series Family                            | Keysight Truevolt DMM                                                   |
| AC RMS Technique                         | Digital direct sampling Truevolt                                        |
| Crest Factor Capability Class            | up to 10 without additional error terms class                           |
| Form Factor                              | Bench half-rack class                                                   |
| Weight                                   | 3.68 kg (8.1 lb)                                                        |
| Operating Environment                    | Full accuracy 0 to 55 C; full accuracy to 80% RH at 40 C non-condensing |
| Operating Altitude                       | Up to 3000 m                                                            |
| Storage Temperature                      | -40 to 70 C                                                             |

| PARAMETER | VALUE |
|-----------|-------|
|-----------|-------|

|                   |       |
|-------------------|-------|
| Power Consumption | 25 VA |
|-------------------|-------|

Notes

From Keysight Truevolt Digital Multimeters datasheet 5991-1983 rows for 34460A.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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

NIST-traceable calibration · SAM registered ·  
30-day returns  
NAICS 423690 · 811210 · 541380  
Generated August 14, 2026

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