

Quick Fact Sheet

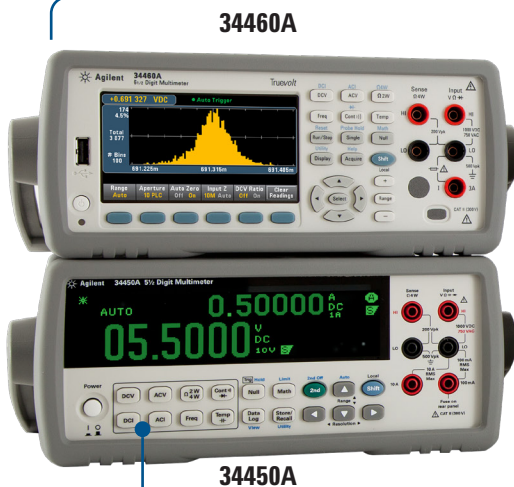
Agilent 34450A, 34460A, 34461A, 34401A, 34410A, 34411A Digital Multimeters

Agilent DMMs offer uncompromised performance on the bench and in a system rack.

34460A and 34461A 6½ digit Truevolt DMMs

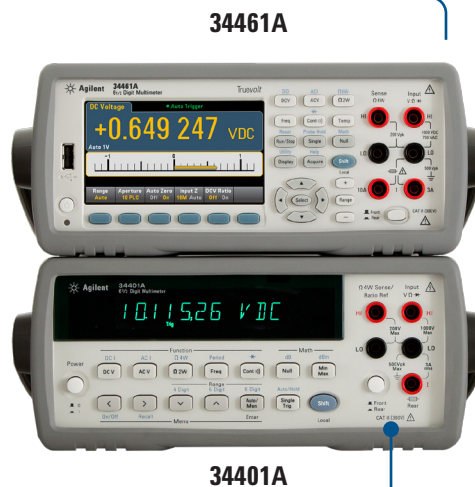
The default solution for R&D and most manufacturing test applications. The right balance of accuracy, speed, flexibility, and price value.

- Display DMM results in ways you never have before
- Measure with unquestioned Truevolt confidence
- Move to the next generation 34401A DMM with 100% assurance



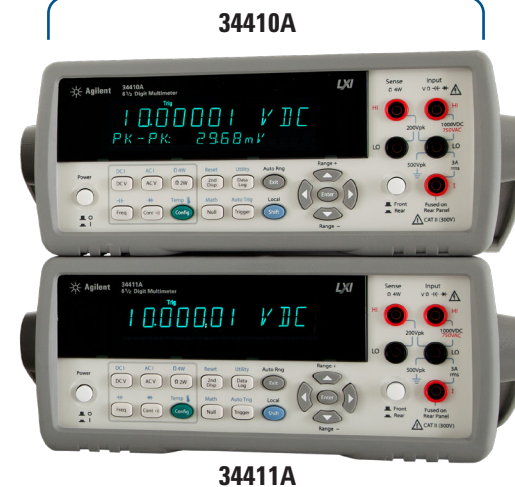
34460A

34450A



34461A

34401A



34410A

34411A

34450A 5½ digit DMM

Ideal for cost sensitive manufacturing and education

- Agilent's fastest 5½ digit DMM with ultra-bright OLED display
- Multi-purpose; built-in basic statistical and math functions

34401A 6½ digit DMM

- Industry leading 6½ digit DMM, now replaced by the 34461A

34410A/34411A 6½ Digit DMMs

- Agilent's highest performance 6½ digit DMMs
- Ideal for high speed test, highest measurement accuracy, or digitizing application needs

Quick Fact Sheet

Agilent 34450A, 34460A, 34461A, 34401A, 34410A, 34411A Digital Multimeters

Product specifications

Features	34450A	34460A	34461A	34401A	34410A/34411A
Digits of resolution	5½	6½	6½	6½	6½
1 year DCV accuracy	150 ppm	75 ppm	35 ppm	35 ppm	30 ppm
Max reading rate	190 rdgs/s	300 rdgs/s	1000 rdgs/s	1000 rdgs/s	10k/50k rdgs/s
Memory	5000 rdgs Option: 50k rdgs/s	1000 rdgs	10,000 rdgs	512 rdgs	50k/1M rdgs
Measurements					
DCV, ACV	100 mV to 1000 V	100 mV to 1000 V	100 mV to 1000 V	100 mV to 1000 V	100 mV to 1000 V
DCI, ACI	100 µA to 3A, 10 A	100 µA to 3 A	100 µA to 3 A, 10 A	10 mA to 3 A	100 µA to 3 A
2- and 4-wire resistance	100 Ω to 100 MΩ	100 Ω to 100 MΩ	100 Ω to 100 MΩ	100 Ω to 100 MΩ	100 Ω to 1 GΩ
Continuity, diode	Y, 1V	Y, 5 V	Y, 5 V	Y, 1V	Y, 1V
Frequency, period	3 Hz to 300 kHz	3 Hz to 300 kHz	3 Hz to 300 kHz	3 Hz to 300 kHz	3 Hz to 300 kHz
Temperature	Thermistor	RTD/PT100, thermistor	RTD/PT100, thermistor	N/A	RTD, thermistor
Capacitance	Yes	N/A	No	No	Yes
Dual line display	Yes	No	No	No	Yes
Display	OLED	Color, graphical	Color, graphical	Vacuum fluorescent	Vacuum fluorescent
Graphics	Histogram	Histogram, bar chart	Histogram, bar chart, trend	N/A	N/A
Rear input terminals	No	No	Yes	Yes	Yes
IO interface					
USB	Yes	Yes	Yes	No	Yes
LAN/LXI CORE	No	Optional	Yes	No	Yes
GPIO	Optional	Optional	Optional	Yes	Yes
RS-232	Serial interface	No	No	Yes	No
MSRP	\$785	\$945	\$1,095	\$1,123	\$1,360



Three-Year Warranty

www.agilent.com/find/ThreeYearWarranty

Agilent's combination of product reliability and three-year warranty coverage is another way we help you achieve your business goals: increased confidence in uptime, reduced cost of ownership and greater convenience.

Recommended service options

Additional two years of Return-to-Agilent warranty
 Additional two years of Return-to-Agilent calibrations
 For more information go to www.agilent.com/find/removealldoubt

Upgrade product	Product option	Applicable model	Description
3445GPBU	-800	34450A	Enable GPIB connectivity (through software licensing)
3445MEMU	-801	34450A	50k memory for data logging (through software licensing)
N/A	-UKC	34450A	Commercial calibration certificate with test data included
3446LANU	-LAN	34460A	Enable rear panel LAN/LXI web interface, external triggering for 34460A
3446SECU	-SEC	34460A, 34461A	Enable NISPOM and file security for Truevolt series DMMs
3446GPBU	-GPB	34460A, 34461A	GPIB user installable interface module for Truevolt series DMMs
3446ACCU	-ACC	34460A	Accessory kit for 34460A – documentation CDs, test leads, USB cable
N/A	-Z54	34460A, 34461A	Certificate of calibration – ANSI/NCCL Z540.3-2006, printed

Agilent also offers a number of accessories, economical handhelds, a high performance 8½ digit 3458A DMM, and the L4411A 6½ digit DMM in a modular format. www.agilent.com/find/dmms

For more information on the 34450A, please visit:
www.agilent.com/find/34450A

For more information on the 34460A and 34461A, please visit:
www.agilent.com/find/Truevolt

For more information on software to control, capture and view the Agilent DMMs on your bench with a single click, please visit:
www.agilent.com/find/DMMutilitysoftware