

Keysight Truevolt Digital Multimeters for your Next Generation of Insights

NEW Keysight Truevolt Series DMMs
34465A 6½ digit
34470A 7½ digit



Measure with Truevolt confidence

- Resolution up to 6½ and 7½
- DC volt accuracy 16 ppm
- ADC linearity 0.5 ppm
- Reading speed 5 to 50 k rdgs/s
- BenchVue software enabled

Keysight's NEW Truevolt DMMs offer a full range of measurement capabilities and price points with higher levels of accuracy, speed, and resolution.

Get more insight quickly

Truevolt DMM's graphical capabilities such as trend and histogram charts offer more insights quickly. Both models also provide a data logging mode for easier trend analysis and a digitizing mode for capturing transients.

Measure low-power devices

The ability to measure very low current, 1 μ A range with pA resolution, allows you to make measurements on very low power devices.

Maintain calibrated measurements

Auto calibration allows you to compensate for temperature drift so you can maintain measurement accuracy throughout your workday.

Keysight BenchVue Software Data capture simplified

BenchVue software provides you with an intuitive way to accelerate your testing and test insight allowing you to control, capture and view Keysight's DMMs simultaneously with other Keysight bench instruments and no programming necessary. With a single click they can transfer data to a PC via USB, or LAN, or GPIB for additional viewing and analysis. *Click. Capture. Done.*



Download BenchVue software at no cost today www.keysight.com/find/benchvue

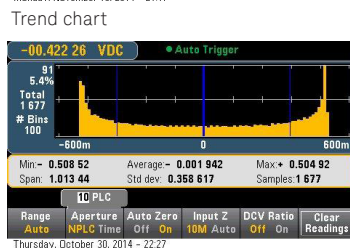
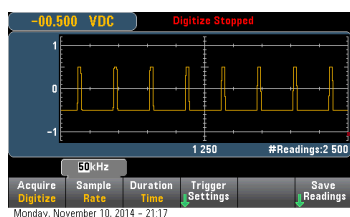


To learn more about Truevolt DMMs visit: www.keysight.com/find/truevolt

Keysight Truevolt Series 6½ and 7½ digit DMMs

Features	34460A	34461A	34465A NEW	34470A NEW
Key specifications				
Digits of resolution	6½	6½	6½	7½
1 year DCV accuracy	75 ppm	35 ppm	30 ppm	16 ppm
Max reading rate	300 rdgs/s	1,000 rdgs/s	5,000 rdgs/s std 50,000 rdgs/s opt	5,000 rdgs/s std 50,000 rdgs/s opt
Memory	1,000 rdgs	10,000 rdgs	50,000 rdgs std 2 million rdgs opt	50,000 rdgs std 2 million rdgs opt
Measurements				
DCV, ACV	100 mV to 1,000 V	100 mV to 1,000 V	100 mV to 1,000 V	100 mV to 1,000 V
DCI	100 µA to 3 A	100 µA to 10 A	1 µA to 10 A	1 µA to 10 A
ACI	100 µA to 3 A	100 µA to 10 A	100 µA to 10 A	100 µA to 10 A
2- and 4-wire resistance	100 Ω to 100 MΩ	100 Ω to 100 MΩ	100 Ω to 1,000 MΩ	100 Ω to 1,000 MΩ
Continuity, diode	Y, 5 V	Y, 5 V	Y, 5 V	Y, 5 V
Frequency, period	3 Hz to 300 kHz	3 Hz to 300 kHz	3 Hz to 300 kHz	3 Hz to 300 kHz
Temperature	RTD/PT100, thermistor	RTD/PT100, thermistor	RTD/PT100, thermistor, thermocouples	RTD/PT100, thermistor, thermocouples
Capacitance	1.0 nF to 100.0 µF	1.0 nF to 100.0 µF	1.0 nF to 100.0 µF	1.0 nF to 100.0 µF
Dual line display	Yes	Yes	Yes	Yes
Display	Color, graphical	Color, graphical	Color, graphical	Color, graphical
Statistical graphics	Histogram, bar chart	Histogram, bar chart, trend chart	Histogram, bar chart, trend chart	Histogram, bar chart, trend chart
Rear input terminals	No	Yes	Yes	Yes
IO interface				
USB	Yes	Yes	Yes	Yes
LAN/LXI Core	Optional	Yes	Yes	Yes
GPIB	Optional	Optional	Optional	Optional

34470A 7½ digit Truevolt Series DMM



Histogram

Color, graphical display with built-in math and statistical views and secondary measurements

Easy access to all Truevolt measurement functions with 16 ppm DCV accuracy and 0.5 ppm linearity



10 A current measurement capability