

## Truevolt Digital Multimeters

Lower DC current ranges and faster reading rates, allows enhanced measurements

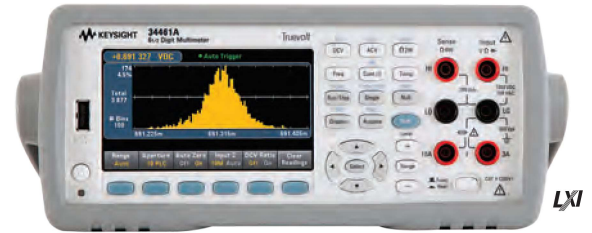
**Get more details quickly.** Truevolt digital multimeters (DMMs) graphical capabilities, such as trend and histogram charts, offer more details quickly. Both models include a data logging mode for easier trend analysis and a digitizing mode for capturing transients.

**Measure low-power devices.** The ability to measure very low current, 1  $\mu\text{A}$  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.

### 34460A/34461A Basic Truevolt DMMs

- Up to 1,000 readings/s at 4½ digits
- 12 measurement functions including temperature
- Up to 10 k readings internal memory
- Color, graphical display, with built-in graphics, math, and statistics
- 34461A DMM is a replacement for the previous-generation 34401A model



### 34465A / 34470A Performance Truevolt DMMs

- DCV measurement accuracy of 30 ppm
- Measure sleep and standby current with pico-amp resolution
- View DC and AC volts with dual display
- 1  $\mu\text{A}$  range and up to 50,000 rdgs/sec



	Bench / System		Performance	
	34460A	34461A	34465A	34470A
Digits of resolution	6½	6½	6½	7½
1 year DCV accuracy	0,0075%	0,0035%	0,0030%	0,0016%
Maximum measurement speed (readings/s)	300	1,000	5,000 std / 50,000 opt	5,000 std / 50,000 opt
DC, True RMS AC voltage ranges	100 mV – 750 V	100 mV – 750 V	100 mV – 750 V	100 mV – 750 V
DC, True RMS AC current ranges	100 $\mu\text{A}$ – 3 A	100 $\mu\text{A}$ – 10 A	1 $\mu\text{A}$ – 10 A	1 $\mu\text{A}$ – 10 A
2- and 4-wire resistance ranges	100 $\Omega$ – 100 M $\Omega$	100 $\Omega$ – 100 M $\Omega$	100 $\Omega$ – 1 G $\Omega$	100 $\Omega$ – 1 G $\Omega$
Frequency range	3 Hz – 300 kHz	3 Hz – 300 kHz	3 Hz – 300 kHz	3 Hz – 300 kHz
Diode/continuity	5 V / yes	5 V / yes	5 V / yes	5 V / yes
Other measurements	Capacitance, temperature, period			
Connectivity	USB, LAN (opt), and GPIB (opt)		USB, LAN, and GPIB (opt)	