

## 33500B and 33600A Series waveform generators

- Generate Trueform arbitrary waveforms with high fidelity and less jitter and harmonic distortion
- Ease of use features, such as modulation, sweep, burst, dual-channel coupling

 BenchVue software enabled

 [www.keysight.com/find/function-generators](http://www.keysight.com/find/function-generators)

 33500B and 33600A Data Sheet



MODEL	DESCRIPTION	CHANNELS	FREQUENCY RANGE	PULSE	ARBITRARY WAVEFORMS						
					STD/OPT ARB	# BITS	SAMPLE RATE	MEMORY/CHANNEL			
33509B 33510B	Exclusive Trueform waveform technology with < 40 ps jitter and < 0.04% THD.	1 2	20 MHz	20 MHz	Optional	16	160 MSa/s	1 M Standard, 16 M Optional			
33511B 33512B		1 2			Standard						
33519B 33520B		1 2	30 MHz	30 MHz	Optional		250 MSa/s				
33521B 33522B		1 2			Standard						
33611A 33612A		Exclusive Trueform waveform technology at higher frequency ranges with < 1 ps jitter < 0.03% THD.	1 2	80 MHz	80 MHz		Standard		14	660 MSa/s	4 M Standard, 64 M Optional
33621A 33622A			1 2	120 MHz	100 MHz					1 GSa/s	

## Truevolt digital multimeters

 BenchVue software enabled

 34460A, 34461A, 34465A, 34470A Data Sheet

 [www.keysight.com/find/truevolt](http://www.keysight.com/find/truevolt)

- 6½ and 7½ digit performance
- Graphical capabilities such as trend and histogram charts
- Measure very low current, 1 µA range with pA resolution, allowing measurements on very low power devices
- Auto calibration to compensate for temperature drift
- Basic measurements: DCV, ACV, DCI, ACI, 2- and 4-wire resistance, frequency, period, continuity, diode, temperature, capacitance



MODEL	DESCRIPTION	DIGITS OF RESOLUTION	MAX READING RATE AT 4½ DIGITS (RDGS/S)	BUILT-IN PC INTERFACES
34460A	New industry standard. Display DMM results in ways you never have before and measure with unquestioned Truevolt confidence.	6½	300	USB; optional GPIB, LAN
34461A			1,000	USB, LAN; optional GPIB
34465A	More measurements, higher speed, better accuracy, and more memory than the 34461A.	6½	5,000; optional 50,000	USB, LAN; optional GPIB
34470A		7½		