	WaveAce 2002	WaveAce 2004	WaveAce 2012	WaveAce 2014	WaveAce 2022	WaveAce 2024	WaveAce 2032	WaveAce 2034
Vertical								
Bandwidth	70 MHz	70 MHz	100 MHz	100 MHz	200 MHz	200 MHz	300 MHz	300 MHz
Rise Time	5.0 ns	5.0 ns	3.5 ns	3.5 ns	1.75 ns	1.75 ns	1.2 ns	1.2 ns
Input Channels	2	4	2	4	2	4	2	4
Vertical Resolution	8-bits							
Vertical Sensitivity	2 mV/div–5 V/div							
Bandwidth Limiting Filter	20 MHz							
Maximum Input Voltage	400 Vpk, CAT I				400 Vpk, CAT I (1 MΩ), 5 V_{rms} (50 Ω)			
Input Coupling	GND, DC 1 MΩ, AC 1 MΩ				GND, DC 1 MΩ, AC 1 MΩ, 50 Ω			
Input Impedance	1 MΩ ‖ 18 pF				1 MΩ ‖ 18 pF, 50 Ω			
Acquisition								
Sampling Rate (Single Shot)	2 GS/s (interleaved) 1 GS/s (all channels)							
Sampling Rate (Equivalent Time)	50 GS/s							
Peak Detect Period	2.5 ns							
Memory Length	12 kpts/Ch							
Maximum Memory	24 kpts							
Timebase Range	5.0 ns/div – 50 s/div		2.5 ns/div – 50 s/div				1.0 ns - 50 s/div	
Probes								
Standard Probes	10:1, 1:1 Switchable Passive Probe (one per channel)							
Triggering								
Triggers	Edge, Pulse Width, Video, Slope (Rise Time), Alternate							
Measure, Math and Wave Recorder								
Measure	Amplitude, Average, Base, Burst Width, Cyclic RMS, + Duty Cycle, - Duty Cycle, Fall Time, Frequency, Max, Mean, Min, Overshoot, Peak-Peak, Period, Phase, Preshoot, Rise Time, RMS, Top, + Width, - Width. Plus 9 advanced parameters for edge to edge timing measurements							
Math	Add, Subtract, Multiply, Divide, FFT (up to 1 kpts with Rectangular, Von Hann, Hamming or Blackman windows							
Waveform Sequence Recorder	Record and playback a sequence of up to 2,500 waveforms							
Input/Output Interfaces								
USB	USB host port for flash drives, USB device port for connecting to PC and printers							
LAN	LAN port for connection to PC using WaveStudio software							
Physical								
Dimensions (HWD)	163 mm x 360 mm x 124.1 mm; 6.42" x 14.17" x 4.89"							
Weight	3.33 kg; 7.40 lbs.							
Power Requirements								
	100 - 240 V (± 10%) at 50 / 60 / 400 Hz (± 5%). Automatic AC voltage selection. Max power consumption: 50 W							
Compliance								
	CE Compliant, UL and cUL listed. Conforms to EN 61326-1, EN 61010-1, UL 61010-1 2nd edition, and CSA C22.2 No. 61010-1-04.							