

	WaveAce 1001	WaveAce 1002	WaveAce 1012
Vertical			
Bandwidth	40 MHz	60 MHz	100 MHz
Rise Time	8.8 ns	5.8 ns	3.5 ns
Input Channels	2		
Vertical Resolution	8-bits		
Vertical Sensitivity	2 mV/div – 10 V/div		
Bandwidth Limiting Filter	20 MHz		
Maximum Input Voltage	400 Vpk, CAT I		
Input Coupling	GND, DC 1 MΩ, AC 1 MΩ		
Input Impedance	1 MΩ 18 pF		
Acquisition			
Sampling Rate (Single Shot)	1 GS/s (interleaved), 500 MS/s (all channels)		
Sampling Rate (Equivalent Time)	25 GS/s	50 GS/s	
Peak Detect Period	10 ns		
Memory Length	1 Mpts/Ch		
Maximum Memory	2 Mpts		
Timebase Range	10.0 ns/div - 50 s/div	5.0 ns/div - 50 s/div	2.5 ns/div – 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		
Physical			
Dimensions (HWD)	163 mm x 313 mm x 115.8 mm; 6.42" x 12.32" x 4.6"		
Weight	2.78 kg; 6.10 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.		