

SPECIFICATIONS

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	WaveJet 314A	WaveJet 312A	WaveJet 324A	WaveJet 322A	WaveJet 334A	WaveJet 332A	WaveJet 354A	WaveJet 352A
Bandwidth	100 MHz		200 MHz		350 MHz		500 MHz	
Rise Time	3.5 ns		1.75 ns		1 ns		750 ps	
Input Channels	4	2	4	2	4	2	4	2
Display	7.5" Color flat-panel TFT-LCD, 640 x 480 VGA							
Sampling Rate (single-shot)	1 GS/s		2 GS/s (Interleaved), 1 GS/s (all channels)					
Sampling Rate (RIS)	100 GS/s							
Peak Detect Period	1 ns							
Memory Length	500 kpts/Ch (all channels)							
Capture Time	500 μ s at 1 GS/s, 250 μ s at 2 GS/s							
Vertical Resolution	8 bit							
Vertical Sensitivity	2 mV/div–10 V/div				2 mV/div–10 V/div, 2 mV/div–2 V/div (50 Ω)			
Vertical (DC) Gain Accuracy	\pm (1.5% + 0.5% of full scale)							
BW Limiting Filters	20 MHz				20 MHz, 200 MHz			
Maximum Input Voltage	400 V CAT I				400 V CAT I, 5 V _{rms} (50 Ω)			
Input Coupling	GND, DC 1 M Ω , AC 1 M Ω				GND, DC 1 M Ω , AC 1 M Ω , DC 50 Ω			
Input Impedance	1 M Ω \pm 1.5% 20 pF				1 M Ω \pm 1.5% 16 pF, 50 Ω \pm 1.5%			
Probing System	BNC with Probe Sense Ring							
Probes	PP010 (One per Channel)				PP006A (One per Channel)			
Timebase Range	5 ns/div–50 s/div		2 ns/div–50 s/div		1 ns/div–50 s/div		500 ps/div–50 s/div	
Roll Mode	50 ms/div–50 s/div (100 kS/s maximum)							
Timebase Accuracy	10 ppm (typical)							

Triggering

Triggers Edge, Glitch, Period, Pulse Count, TV

Measure, Zoom, Math and Replay

Measure	Base, Cycle Mean, Cycle RMS, Duty Cycle, Fall Time (90-10%), Fall Time (80-20%), Frequency, Integral, Maximum, Mean, Minimum, Number of +Pulses, Number of -Pulses, +Overshoot, -Overshoot, Peak-Peak, Period, +Pulse Width, -Pulse Width, Rise Time (20-80%), Rise Time (10-90%), RMS, Skew, Skew@level, Top, Top-Base
Zoom	Use the front panel QuickZoom button to zoom all waveforms in a separate zoom grid.
Math	Sum, Difference, Product, FFT (up to 8 kpts with Rectangular, Von Hann, or Flat Top)
Replay	Look back at the history of waveform acquisitions (maximum 1024 acquisitions)

Physical Dimensions

Dimensions (HWD)	190 mm x 285 mm x 102 mm (7.5" x 11.2" x 4")
Net Weight	3.2 kg; 7 lbs.