WAVEACE 100 SPECIFICATIONS

	WaveAce 101	WaveAce 102	WaveAce 112				
Bandwidth	40 MHz	60 MHz	100 MHz				
Rise Time	8.8 ns	5.8 ns	3.5 ns				
Input Channels	2	2	2				
Display	Z	5.7" Color, 320 x 240 Reso	_				
Sampling Rate (Single Shot)		5.7 Color, 320 x 240 Neso 500 MS/s (interleaved)					
Sampling Nate (Single Shot)		250 MS/s (all channels					
Sampling Rate (Equivalent Time)		50 GS/s	· /				
Peak Detect Period		10 ns					
Memory Length		4 kpts/Ch					
Maximum Memory		4 kpts					
Vertical Resolution		8-bits					
Vertical Sensitivity		2 mV/div–5 V/div					
Bandwidth Limiting Filter		20 MHz					
Maximum Input Voltage		400 Vpk					
Input Coupling		GND, DC 1 MΩ, AC 1 M	1Ω				
Input Impedance		1 MΩ 13 pF					
Probes		10:1, 1:1 Switchable Passive Probe (c	one per channel)				
Timebase Range	10 ns/div-50 s/div	5 ns/div-50 s/div	2.5 ns/div-50 s/div				
Triggering							
Triggers	Edge, Pulse Width, Video	o, Slope (Rise Time), Alternate					
Measure, Math and Wave R	Recorder						
	Amplitude, Average, Base, Burst Width, Cyclic RMS, + Duty Cycle, - Duty Cycle, Fall Time, Frequency,						
Measure	AMDILLING AVERAGE BAS	A Ruret Width Cyclic RMS + Duty C	vole - Duty Cycle Fall Time Frequency				
Measure							
Ivieasure	Max, Mean, Min, Oversh	noot, Peak-Peak, Period, Phase, Rise 1	Time, RMS, Top, + Width, - Width.				
Math	Max, Mean, Min, Oversh Plus 8 advanced parame	noot, Peak-Peak, Period, Phase, Rise ters for edge to edge timing measure	Time, RMS, Top, + Width, - Width. ments				
	Max, Mean, Min, Oversh Plus 8 advanced parame Add, Subtract, Multiply, I	noot, Peak-Peak, Period, Phase, Rise 1	Time, RMS, Top, + Width, - Width. ments				
	Max, Mean, Min, Oversh Plus 8 advanced parame Add, Subtract, Multiply, I Blackman windows)	noot, Peak-Peak, Period, Phase, Rise ters for edge to edge timing measure	Time, RMS, Top, + Width, - Width. ments				
Math Waveform Sequence Recorder	Max, Mean, Min, Oversh Plus 8 advanced parame Add, Subtract, Multiply, I Blackman windows)	noot, Peak-Peak, Period, Phase, Rise Ters for edge to edge timing measure Divide, FFT (up to 1 kpts with Rectang	Time, RMS, Top, + Width, - Width. ments				
Math Waveform Sequence Recorder Input/Output Interfaces	Max, Mean, Min, Oversh Plus 8 advanced parame Add, Subtract, Multiply, I Blackman windows) Record and playback a se	noot, Peak-Peak, Period, Phase, Rise Ters for edge to edge timing measure Divide, FFT (up to 1 kpts with Rectange equence of up to 2500 waveforms	ime, RMS, Top, + Width, - Width. ments jular, Von Hann, Hamming or				
Math Waveform Sequence Recorder	Max, Mean, Min, Oversh Plus 8 advanced parame Add, Subtract, Multiply, I Blackman windows) Record and playback a se	noot, Peak-Peak, Period, Phase, Rise Ters for edge to edge timing measure Divide, FFT (up to 1 kpts with Rectang	ime, RMS, Top, + Width, - Width. ments jular, Von Hann, Hamming or				
Math Waveform Sequence Recorder Input/Output Interfaces USB	Max, Mean, Min, Oversh Plus 8 advanced parame Add, Subtract, Multiply, I Blackman windows) Record and playback a se	noot, Peak-Peak, Period, Phase, Rise Ters for edge to edge timing measure Divide, FFT (up to 1 kpts with Rectanguequence of up to 2500 waveforms	ime, RMS, Top, + Width, - Width. ments jular, Von Hann, Hamming or				
Math Waveform Sequence Recorder Input/Output Interfaces USB RS-232	Max, Mean, Min, Oversh Plus 8 advanced parame Add, Subtract, Multiply, [Blackman windows) Record and playback a se USB host port for flash d RS-232 port for connection	noot, Peak-Peak, Period, Phase, Rise Ters for edge to edge timing measure Divide, FFT (up to 1 kpts with Rectanguequence of up to 2500 waveforms	ime, RMS, Top, + Width, - Width. ments gular, Von Hann, Hamming or to PC and printers				

WAVEACE 200 SPECIFICATIONS

	WaveAce 202	WaveAce 204	WaveAce 212	WaveAce 214	WaveAce 222	WaveAce 224	WaveAce 232	WaveAce 234
Bandwidth	60 MHz	60 MHz	100 MHz	100 MHz	200 MHz	200 MHz	300 MHz	300 MHz
Rise Time	5.8 ns	5.8 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
Display			5.7	" Color, 320 >	240 Resolut	ion		
Sampling Rate (Single Shot)	1 GS/s (all channels) 2 GS/s (interleaved), 1 GS/s (all channels)							
Sampling Rate (Equivalent Time)				50 (GS/s		,	
Peak Detect Period				2.5				
Memory Length	9 kpts/Ch	10 kpts/Ch	9 kpts/Ch	10 kpts/Ch	9 kpts/Ch	10 kpts/Ch	9 kpts/Ch	10 kpts/Ch
Maximum Memory (Interleaved)	18 kpts	20 kpts	18 kpts	20 kpts	18 kpts	20 kpts	18 kpts	20 kpts
Vertical Resolution				8-b				
Vertical Sensitivity				2 mV/div				
Bandwidth Limiting Filter				20 N				
Maximum Input Voltage		400 \	Vpk		400 Vpk (1 M Ω), 5 Vrms (50 Ω)			
Input Coupling		GND, DC 1 M			GND, DC 1 M Ω , AC 1 M Ω , 50 Ω			
Input Impedance		1 ΜΩ				1 MΩ 13 p		
Probes		1 11122		vitchable Pass	sive Probe (or	e per channe		
Timebase Range	5 ns/div-				/–50 s/div			
Triggering	Edwa Dulaa	\	Clana (Diag	Time a) Altaria	.			
Triggers	Edge, Pulse	Width, Video,	Slope (Rise	Гіте), Alterna	te			
Triggers Measure, Math and Wave	Recorder		·					
Triggers	Recorder Amplitude, A	Average, Base Min, Oversho	, Burst Width	ı, Cyclic RMS, k, Period, Pha	+ Duty Cycle se, Rise Time	, RMS, Top, +	, Fall Time, Fre Width, - Widt	
Triggers Measure, Math and Wave Measure	Recorder Amplitude, A Max, Mean, Plus 8 advar	Average, Base Min, Oversho nced paramete	, Burst Width oot, Peak-Pea ers for edge to	, Cyclic RMS, k, Period, Pha o edge timing	+ Duty Cycle se, Rise Time measuremer	, RMS, Top, +	Width, - Widt	
Triggers Measure, Math and Wave Measure Math	Recorder Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w	Average, Base Min, Oversho nced paramete ct, Multiply, D indows)	, Burst Width oot, Peak-Peal ers for edge to ivide, FFT (up	, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts witl	+ Duty Cycle se, Rise Time measuremer n Rectangular	, RMS, Top, +	Width, - Widt	
Triggers Measure, Math and Wave Measure	Recorder Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w	Average, Base Min, Oversho nced paramete ct, Multiply, D	, Burst Width oot, Peak-Peal ers for edge to ivide, FFT (up	, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts witl	+ Duty Cycle se, Rise Time measuremer n Rectangular	, RMS, Top, +	Width, - Widt	
Measure, Math and Wave Measure Math Waveform Sequence Recorder Input/Output Interfaces	Recorder Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w Record and	Average, Base Min, Oversho need paramete ct, Multiply, D indows) playback a sec	, Burst Width oot, Peak-Peal ers for edge to ivide, FFT (up quence of up	, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts witl to 2500 wave	+ Duty Cycle se, Rise Time measuremer n Rectangular forms	, RMS, Top, + hts , Von Hann, H	Width, - Widt	
Triggers Measure, Math and Wave Measure Math Waveform Sequence Recorder	Recorder Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w Record and	Average, Base Min, Oversho nced paramete ct, Multiply, D indows)	, Burst Width oot, Peak-Peal ers for edge to ivide, FFT (up quence of up	, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts witl to 2500 wave	+ Duty Cycle se, Rise Time measuremer n Rectangular forms	, RMS, Top, + hts , Von Hann, H	Width, - Widt	
Measure, Math and Wave Measure Math Waveform Sequence Recorder Input/Output Interfaces	Recorder Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w Record and	Average, Base Min, Oversho need paramete ct, Multiply, D indows) playback a sec	, Burst Width oot, Peak-Peal ers for edge to ivide, FFT (up quence of up ives, USB dev	i, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts with to 2500 wave	+ Duty Cycle se, Rise Time measuremer n Rectangular forms	, RMS, Top, + hts , Von Hann, H	Width, - Widt	
Measure, Math and Wave Measure Math Waveform Sequence Recorder Input/Output Interfaces USB	Recorder Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w Record and USB host po	Average, Base Min, Oversho need paramete ct, Multiply, D indows) playback a sec ort for flash dri	, Burst Width oot, Peak-Peal ers for edge to ivide, FFT (up quence of up ives, USB dev n to PC and E	i, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts with to 2500 wave	+ Duty Cycle se, Rise Time measuremer n Rectangular forms	, RMS, Top, + hts , Von Hann, H PC and printer nnel models o	Width, - Widt amming or s nly)	
Measure, Math and Wave Measure Math Waveform Sequence Recorder Input/Output Interfaces USB RS-232	Recorder Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w Record and USB host po	Average, Base Min, Oversho need paramete ct, Multiply, D indows) playback a sec ort for flash dri for connectio	, Burst Width oot, Peak-Peal ers for edge to ivide, FFT (up quence of up ives, USB dev n to PC and E	i, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts with to 2500 wave	+ Duty Cycle se, Rise Time measuremer n Rectangular forms	, RMS, Top, + hts , Von Hann, H PC and printer nnel models o	Width, - Widt amming or s nly)	
Measure, Math and Wave Measure Math Waveform Sequence Recorder Input/Output Interfaces USB RS-232 LAN	Recorder Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w Record and USB host po	Average, Base Min, Oversho need paramete ct, Multiply, D indows) playback a sec ort for flash dri for connectio	, Burst Width oot, Peak-Peal ers for edge to ivide, FFT (up quence of up ives, USB dev n to PC and E	i, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts with to 2500 wave	+ Duty Cycle se, Rise Time measuremer n Rectangular forms	, RMS, Top, + hts , Von Hann, H PC and printer nnel models o	Width, - Widt amming or s nly)	
Measure, Math and Wave Measure Math Waveform Sequence Recorder Input/Output Interfaces USB RS-232 LAN Physical 2 Ch Models	Recorder Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w Record and USB host po RS-232 port LAN port for	Average, Base Min, Overshot cet, Multiply, D indows) playback a sec ort for flash dri for connection	, Burst Width bot, Peak-Peal ers for edge to ivide, FFT (up quence of up ives, USB dev n to PC and E o PC and Easy	, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts with to 2500 wave vice port for co iasyScope softw	+ Duty Cycle se, Rise Time measuremer n Rectangular forms princeting to F tware (2 Char are (4 Channe	PC and printer one models o	Width, - Widt amming or s nly)	
Measure, Math and Wave Measure Math Waveform Sequence Recorder Input/Output Interfaces USB RS-232 LAN Physical	Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w Record and USB host po RS-232 port LAN port for	Average, Base Min, Overshot need paramete oct, Multiply, D indows) playback a sec ort for flash dri for connection connection to	, Burst Width bot, Peak-Peal ers for edge to ivide, FFT (up quence of up ives, USB dev n to PC and E o PC and Easy	, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts with to 2500 wave vice port for co iasyScope softw	+ Duty Cycle se, Rise Time measuremer n Rectangular forms princeting to F tware (2 Char are (4 Channe	PC and printer one models o	Width, - Widt amming or s nly)	
Measure, Math and Wave Measure Math Waveform Sequence Recorder Input/Output Interfaces USB RS-232 LAN Physical 2 Ch Models Dimensions (HWD)	Recorder Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w Record and USB host po RS-232 port LAN port for	Average, Base Min, Overshot need paramete oct, Multiply, D indows) playback a sec ort for flash dri for connection connection to	, Burst Width bot, Peak-Peal ers for edge to ivide, FFT (up quence of up ives, USB dev n to PC and E o PC and Easy	, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts with to 2500 wave vice port for co iasyScope softw	+ Duty Cycle se, Rise Time measuremer n Rectangular forms princeting to F tware (2 Char are (4 Channe	PC and printer one models o	Width, - Widt amming or s nly)	
Measure, Math and Wave Measure Math Waveform Sequence Recorder Input/Output Interfaces USB RS-232 LAN Physical 2 Ch Models Dimensions (HWD) Weight	Recorder Amplitude, A Max, Mean, Plus 8 advar Add, Subtrac Blackman w Record and USB host po RS-232 port LAN port for	Average, Base Min, Overshot need paramete oct, Multiply, D indows) playback a sec ort for flash dri for connection connection to	e, Burst Width pot, Peak-Peal ers for edge to ivide, FFT (up) quence of up ives, USB dev n to PC and E o PC and Easy	, Cyclic RMS, k, Period, Pha o edge timing to 1 kpts with to 2500 wave vice port for coasyScope softw	+ Duty Cyclese, Rise Time measurement Rectangular forms Donnecting to Fitware (2 Character (4 Channel et al.)	RMS, Top, + hts Von Hann, H PC and printer nnel models o el models only heet)	Width, - Widt amming or s nly)	