



# WaveAce™ Series Oscilloscopes

60 MHz–300 MHz

Debug With Confidence



# SPECIFICATIONS AND ORDERING INFORMATION

	WaveAce 102	WaveAce 112	WaveAce 202	WaveAce 212	WaveAce 222	WaveAce 232
Bandwidth	60 MHz	100 MHz	60 MHz	100 MHz	200 MHz	300 MHz
Rise Time	5.8 ns	3.5 ns	5.8 ns	3.5 ns	1.75 ns	1.2 ns
Input Channels	2	2	2	2	2	2
Display	5.7" Color, 320 x 240 Resolution					
Sampling Rate (Single Shot)	500 MS/s (interleaved), 250 MS/s (all channels)		1 GS/s (all channels)		2 GS/s (interleaved), 1 GS/s (all channels)	
Sampling Rate (Equivalent Time)	50 GS/s					
Peak Detect Period	10 ns					
Memory Length	4 kpts/Ch		9 kpts/Ch, (18 kpts interleaved)			
Vertical Resolution	8-bits					
Vertical Sensitivity	2 mV/div–5 V/div					
Bandwidth Limiting Filter	20 MHz					
Maximum Input Voltage	400 V Pk				400 V Pk, 5 V <sub>rms</sub> (50 Ω)	
Input Coupling	1 MΩ    13 pF				1 MΩ    13 pF, 50 Ω	
Input Impedance	GND, DC 1 MΩ, AC 1 MΩ					
Probes	10:1, 1:1 Switchable Passive Probe (one per channel)					
Timebase Range	5 ns/div–50 s/div		2.5 ns/div–50 s/div			

## Triggering

Triggers	Edge, Pulse Width, Video, Slope (Rise Time), Alternate
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## Measure, Math, and Wave Recorder

Measure	Amplitude, Average, Base, Burst Width, Cyclic RMS, + Duty Cycle, - Duty Cycle, Fall Time, Frequency, Max, Mean, Min, Peak-Peak, Period, Phase, Rise Time, RMS, Top, + Width, - Width. Plus 8 advanced parameters for edge to edge timing measurements
Math	Add, Subtract, Multiply, Divide, FFT (up to 1 kpts with Rectangular, Von Hann, Hamming or Blakman windows)
Waveform Sequence Recorder	Record and playback a sequence of up to 2500 waveforms

## Physical

Dimensions (HWD)	154 mm x 305 mm x 133 mm; 6" x 12" x 5.2" (height excludes feet)
Shipping Weight	2.3 kg; 5 lbs.

## Ordering Information

### Product Description

### Product Code

60 MHz, 2 Ch, 500 MS/s (Max.), 4 kpts/Ch with 5.7" Color Display	WaveAce 102
100 MHz, 2 Ch, 500 MS/s (Max.), 4 kpts/Ch with 5.7" Color Display	WaveAce 112
60 MHz, 2 Ch, 1 GS/s (Max.), 9 kpts/Ch (18 kpts interleaved) with 5.7" Color Display	WaveAce 202
100 MHz, 2 Ch, 1 GS/s (Max.), 9 kpts/Ch (18 kpts interleaved) with 5.7" Color Display	WaveAce 212
200 MHz, 2 Ch, 2 GS/s (Max.), 9 kpts/Ch (18 kpts interleaved) with 5.7" Color Display	WaveAce 222
300 MHz, 2 Ch, 2 GS/s (Max.), 9 kpts/Ch (18 kpts interleaved) with 5.7" Color Display	WaveAce 232

### Included with Standard Configuration

One Passive Probe per Channel
Multi-language User-interface and Help (English, French, German, Japanese, Korean, Portuguese, Russian, Simplified Chinese, Spanish, Traditional Chinese)
EasyScope PC Software with USB Cable
User Manual and Quick Reference Guide
Calibration and Performance Certificate
3-year Warranty



1-800-5-LeCroy  
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Local sales offices are located throughout the world.  
Visit our website to find the most convenient location.