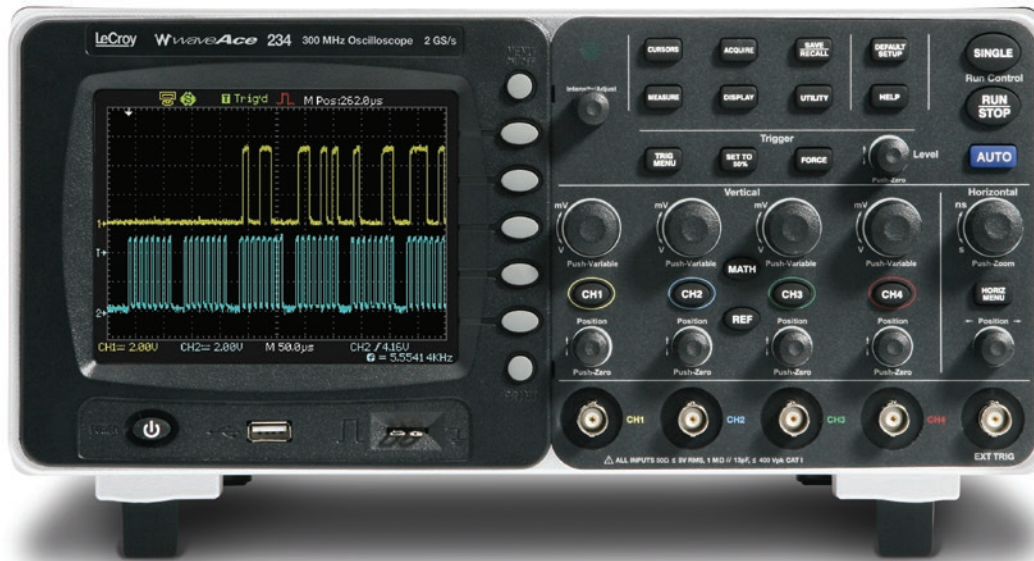


## Debug with Confidence

40 MHz – 200 MHz



### Key Specifications

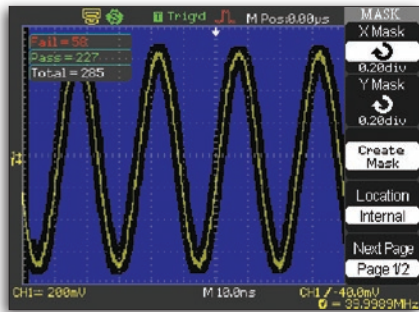
<b>Bandwidth</b>	40 MHz, 60 MHz, 100 MHz, 200 MHz
<b>Channels</b>	2 or 4
<b>Memory</b>	up to 10 kpts/Ch, 20 kpts interleaved
<b>Sample Rate</b>	up to 2 GS/s
<b>Display</b>	5.7" Color QVGA Display
<b>Connectivity</b>	USB Host, USB Device, RS-232, LAN

### Tools for Improved Debugging

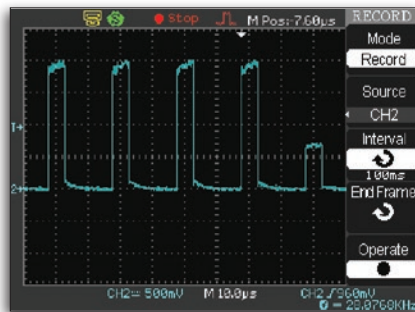
- **Long Capture** – up to 10 kpts/Ch and 20 kpts interleaved to capture more time and show more waveform details
- **Math and Measure** – 4 basic math functions plus FFT and 32 automatic measurement parameters
- **Connectivity** – USB for mass storage, printing and PC control plus LAN for fast data transfer
- **Pass/Fail Testing** – quickly identify failing devices and when failures occur
- **Large Internal Storage** – save 20 waveforms and 20 setups to the internal WaveAce memory
- **Waveform Sequence Recorder** – record and play back up to 2,500 waveforms

For more information, please contact:

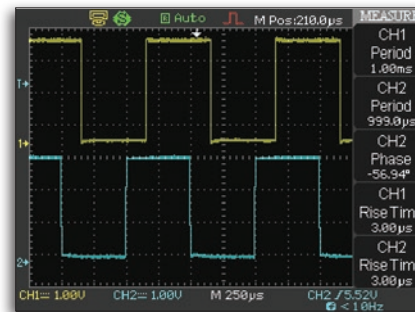
# WaveAce 100 and 200 Oscilloscopes Fact Sheet



Pass/Fail mask testing can quickly identify problems.



Capture and replay a sequence of up to 2500 waveforms to isolate that runt or glitch which is causing problems in your system.



32 parameters for making vertical, horizontal and delay measurements.



## Ordering Information

Model	Bandwidth	Channel	Memory (per Ch / interleaved)	Sample Rate (per Ch / interleaved)
WaveAce 101	40 MHz	2	4 kpts	250 MS/s / 500 MS/s
WaveAce 102	60 MHz	2	4 kpts	250 MS/s / 500 MS/s
WaveAce 202	60 MHz	2	9 kpts / 18 kpts	1 GS/s
WaveAce 204	60 MHz	4	10 kpts / 20 kpts	1 GS/s
WaveAce 212	100 MHz	2	9 kpts / 18 kpts	1 GS/s
WaveAce 214	100 MHz	4	10 kpts / 20 kpts	1 GS/s
WaveAce 222	200 MHz	2	9 kpts / 18 kpts	1 GS/s / 2 GS/s
WaveAce 224	200 MHz	4	10 kpts / 20 kpts	1 GS/s / 2 GS/s

### Standard Configuration

One passive probe per channel – 10x/1x Switchable  
Getting Started Manual  
EasyScope PC Software  
USB Cable  
Calibration and Performance Verification Certificate  
3-year Warranty  
Protective Front Cover (4 channel models only)  
Multi-language User Interface  
Power Cord

### Recommended Probes

**Differential**  
AP031 700 V, 15 MHz High-Voltage Differential Probe ( $\div 10$ ,  $\div 100$ )

**High-Voltage**  
PPE1.2KV 10:1/100:1 200/300 MHz 50 M $\Omega$  High-Voltage Probe 600 V/1.2 kV Max. Volt. DC  
PPE2KV 100:1 400 MHz 50 M $\Omega$  2 kV High-Voltage Probe  
PPE4KV 100:1 400 MHz 50 M $\Omega$  4 kV High-Voltage Probe  
PPE5KV 1000:1 400 MHz 50 M $\Omega$  5 kV High-Voltage Probe  
PPE6KV 1000:1 400 MHz 50 M $\Omega$  6 kV High-Voltage Probe  
PPE20KV 1000:1 100 MHz 50 M $\Omega$  High-Voltage Probe 20 kV Max. Volt. DC + 40 kV Peak AC

### Excellent Performance

- 40, 60, 100, and 200 MHz bandwidths
- 2 GS/s maximum sample rate
- Up to 10 kpts/Ch memory, 20 kpts interleaved

### Great Connectivity

- USB host port for mass storage
- USB device port for printing and PC control
- LAN port on 4 channel models for fast data transfer

### Smart Capabilities

- Averaging, Peak Detect and Equivalent Time modes
- Advanced Triggering
- Digital Filtering
- Built-in Help
- Multi-Language User Interface