

## Debug with Confidence

40 MHz – 300 MHz



### Key Specifications

<b>Bandwidth</b>	40 MHz, 60 MHz, 70 MHz, 100 MHz, 200 MHz, 300 MHz
<b>Channels</b>	2 or 4
<b>Memory</b>	up to 1 Mpts/Ch (2 Mpts interleaved)
<b>Sample Rate</b>	up to 2 GS/s
<b>Display</b>	7" Bright Color Wide Display
<b>Connectivity</b>	USB Host, USB Device, LAN

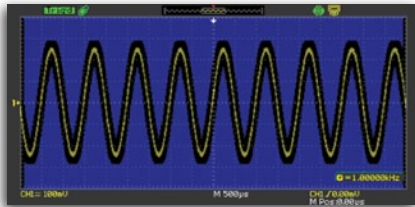
### Tools for Improved Debugging

- **Long Capture** – 1 Mpts/Ch and 2 Mpts 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

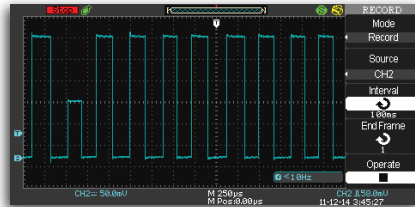
For more information, please contact:



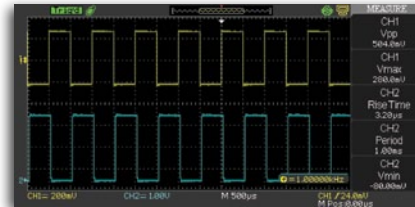
# WaveAce 1000 and 2000 Oscilloscopes Fact Sheet



Pass/Fail mask testing can quickly identify problems.



Capture and replay a sequence of up to 2,500 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 1001	40 MHz	2	1 Mpts / 2 Mpts	500 MS/s / 1 GS/s
WaveAce 1002	60 MHz	2	1 Mpts / 2 Mpts	500 MS/s / 1 GS/s
WaveAce 1012	100 MHz	2	1 Mpts / 2 Mpts	500 MS/s / 1 GS/s
WaveAce 2002	70 MHz	2	12 kpts / 24 kpts	1 GS/s / 2 GS/s
WaveAce 2004	70 MHz	4	12 kpts / 24 kpts	1 GS/s / 2 GS/s
WaveAce 2012	100 MHz	2	12 kpts / 24 kpts	1 GS/s / 2 GS/s
WaveAce 2014	100 MHz	4	12 kpts / 24 kpts	1 GS/s / 2 GS/s
WaveAce 2022	200 MHz	2	12 kpts / 24 kpts	1 GS/s / 2 GS/s
WaveAce 2024	200 MHz	4	12 kpts / 24 kpts	1 GS/s / 2 GS/s
WaveAce 2032	300 MHz	2	12 kpts / 24 kpts	1 GS/s / 2 GS/s
WaveAce 2034	300 MHz	4	12 kpts / 24 kpts	1 GS/s / 2 GS/s

### Standard Configuration

One passive probe per channel – 10x/1x Switchable  
 Getting Started Manual  
 USB Cable for use with WaveStudio  
 Calibration and Performance Verification Certificate  
 3-year Warranty  
 Multi-language User Interface  
 Power Cord

### Recommended Probes

#### Differential

AP031 700 V, 15 MHz High-Voltage Differential Probe (÷10, ÷100)

#### High-Voltage

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

## Excellent Performance

- 40, 60, 70, 100, 200 and 300 MHz bandwidths
- 2 GS/s maximum sample rate
- Up to 1 Mpts/Ch memory, 2 Mpts interleaved

## Great Connectivity

- USB host port for mass storage
- USB device port for printing and PC control
- LAN port on all WaveAce 2000 oscilloscopes

## Smart Capabilities

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