

Debug with Confidence

40 MHz – 300 MHz



Key Specifications

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

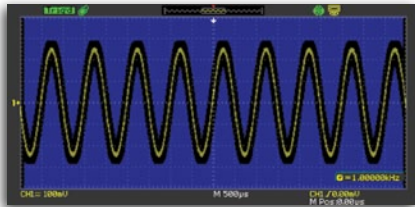
Tools for Improved Debugging

- **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

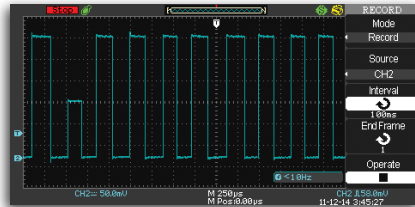
For more information, please contact:



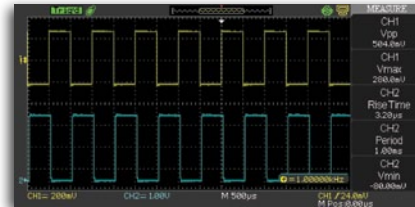
WaveAce 1000 and 2000 Oscilloscopes Fact Sheet



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 ($\div 10$, $\div 100$)

High-Voltage

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