WavePro HD offers the industry’s lowest noise, for the highest signal fidelity and most accurate measurements.

<table>
<thead>
<tr>
<th>Baseline Noise</th>
<th>WavePro 404HD</th>
<th>RTO2044</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 mV/div</td>
<td>✓ 228 μV</td>
<td>X 280 μV</td>
</tr>
<tr>
<td>10 mV/div</td>
<td>✓ 228 μV</td>
<td>X 420 μV</td>
</tr>
<tr>
<td>50 mV/div</td>
<td>✓ 633 μV</td>
<td>X 1800 μV</td>
</tr>
<tr>
<td>100 mV/div</td>
<td>✓ 1.31 mV</td>
<td>X 3.6 mV</td>
</tr>
<tr>
<td>1000 mV/div</td>
<td>✓ 9.17 mV</td>
<td>X 36 mV</td>
</tr>
</tbody>
</table>

Cleaner Eye Diagrams
The WavePro HD generates an eye with less visible noise and jitter.

WavePro HD’s HD4096 technology enables exceptionally low noise.

The RT02000’s 8-bit ADCs and higher noise mean lower signal fidelity.

WavePro 404HD
Eye diagram: 1.25 Gbps PRBS signal

Rohde & Schwarz RT02044
Eye diagram: 1.25 Gbps PRBS signal
WavePro HD vs Rohde & Schwarz RTO2000

**Powerful, Deep Toolbox**
WavePro HD has the greatest breadth and depth of tools of any oscilloscope in its class, ensuring quick resolution of the most demanding debug tasks. Competitors offer much less capability.

Use the comparisons on the far right to compare tool coverage between the oscilloscopes.

Learn more about our powerful, deep toolbox at [teledynelecroy.com/tools](http://teledynelecroy.com/tools).

**HD4096 Technology - 16x Closer to Perfect**

- 12-bit ADCs
- High SNR input amplifiers
- Low-noise system architecture

HD4096 technology provides superior and uncompromised measurement performance, with 12-bit resolution all the time.

Other high-resolution oscilloscopes make tradeoffs between resolution, sample rate and bandwidth.

[teledynelecroy.com/hd4096](http://teledynelecroy.com/hd4096)