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 804HD</th>
<th>DSO S-804A</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 mV/div</td>
<td>✓ 315 μV</td>
<td>X 390 μV</td>
</tr>
<tr>
<td>20 mV/div</td>
<td>✓ 420 μV</td>
<td>X 620 μV</td>
</tr>
<tr>
<td>50 mV/div</td>
<td>✓ 983 μV</td>
<td>X 1400 μV</td>
</tr>
<tr>
<td>100 mV/div</td>
<td>✓ 1.95 mV</td>
<td>X 3.1 mV</td>
</tr>
<tr>
<td>1000 mV/div</td>
<td>✓ 13.81 mV</td>
<td>X 24.1 mV</td>
</tr>
</tbody>
</table>

Clean eye, accurate jitter measurements
The WavePro HD has excellent timebase jitter and exceptionally low baseline noise resulting in clean eye diagrams and highly precise serial data measurements.

WavePro 804HD
Eye diagram: 2.5 Gbps PRBS signal  
Tj: 13.76 ps, Rj: 592 fs, Dj: 5.43 ps

Keysight DSO S-804A
Eye diagram: 2.5 Gbps PRBS signal  
Tj: 18.69 ps, Rj: 720 fs, Dj: 8.55 ps
WavePro HD vs Keysight S Series

**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.

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**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]