The Power of Complete Control –
The 1250 Series Torque and Angle Wrench is Here!

Take control over assembly errors with the Global 400 and 1250 Exacta Series Digital torque and angle wrench.

**Torque and Angle Modes:**

- **T2A** Torque to Angle – Measures torque first – then measures degrees of fastener rotation
- **TAM** Torque and Angle Monitoring – Measures angle first and then measures torque
- **PTM** Prevailing Torque Mode – Factors out friction
- **Residual Torque** – Measures torque value of previously tightened fasteners

The 1250 functions exactly like a 1200 Series Exacta 2 when the Global 400 is placed in Peak mode. When the 1250 is placed in Peak mode the only difference between the two wrenches is that the 1250 has a grey display mask and the display mask on the 1200 Series is blue. Either way you have COMPLETE CONTROL over your quality settings.

The 1200 Series uses 4-NiMH rechargeable AA batteries

The 1250 Series uses a single NiMH rechargeable battery cartridge
<table>
<thead>
<tr>
<th>Feature</th>
<th>1200 Series</th>
<th>1250 Series Exacta Torque &amp; Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accuracy</td>
<td>+/- 1% of indicated value</td>
<td>+/- 1% of indicated value</td>
</tr>
<tr>
<td>Global 8</td>
<td>Does not connect</td>
<td>Does not connect</td>
</tr>
<tr>
<td>Global 400</td>
<td>Operates with 3 other tools and holding tools</td>
<td>Operates with 3 other tools and holding tools</td>
</tr>
<tr>
<td>Global 400mp</td>
<td>Operates with 3 other tools and holding tools</td>
<td>Operates with 3 other tools and holding tools</td>
</tr>
<tr>
<td>Customizable Torque</td>
<td>Customizable</td>
<td>Customizable</td>
</tr>
<tr>
<td>Customizable Angle</td>
<td>No angle calculations</td>
<td>Yes</td>
</tr>
<tr>
<td>Yellow Angle Setting</td>
<td>No angle calculations</td>
<td>In torque to angle mode only</td>
</tr>
<tr>
<td>P-Set Download to Wrench</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Torque and Angle Monitoring (TAM)</td>
<td>Not available</td>
<td>YES</td>
</tr>
<tr>
<td>Torque To Angle (T2A)</td>
<td>Not available</td>
<td>YES</td>
</tr>
<tr>
<td>Prevailing Torque (PTM)</td>
<td>Not available</td>
<td>YES</td>
</tr>
<tr>
<td>Residual Torque</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Peak Mode</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Tool Name/Radio ID Learned Into</td>
<td>Global 400 tool bank</td>
<td>Global 400 tool bank</td>
</tr>
<tr>
<td>Tool Name/Radio ID Learned Into</td>
<td>Global 400mp Interface in which it will operate</td>
<td>Global 400mp Interface in which it will operate</td>
</tr>
<tr>
<td>If this tool is NOT learned in to a Global 400</td>
<td>-- Rad - If not connected to Global 400/400mp</td>
<td>-- Rad - If not connected to Global 400/400mp</td>
</tr>
<tr>
<td>Number of Models in Product Line</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Interchangeable Heads</td>
<td>All SR Heads</td>
<td>All SR Heads</td>
</tr>
<tr>
<td>Interchangeable Heads</td>
<td>Well over 100</td>
<td>Well over 100</td>
</tr>
<tr>
<td>Pin and Spring Dove Tail</td>
<td>25 ft lb/33.8 Nm - 400 ft lb/542 Nm</td>
<td>25 ft lb/33.8 Nm - 400 ft lb/542 Nm</td>
</tr>
<tr>
<td>Quick Change</td>
<td>25 ft lb/33.8 Nm - 150 ft lb/203.37 Nm</td>
<td>25 ft lb/33.8 Nm - 150 ft lb/203.37 Nm</td>
</tr>
<tr>
<td>Fixed End Ratchet</td>
<td>250 ft lb/338 Nm Fixed Ratchet 1/2&quot; SD</td>
<td>250 ft lb/338 Nm Fixed Ratchet 1/2&quot; SD</td>
</tr>
<tr>
<td>Fixed End Ratchet</td>
<td>400 ft lb/542 NM Fixed Ratchet 3/4&quot; SD</td>
<td>400 ft lb/542 NM Fixed Ratchet 3/4&quot; SD</td>
</tr>
<tr>
<td>Fixed End Ratchet</td>
<td>600 ft lb/814 Nm Fixed Ratchet 3/4&quot; SD</td>
<td>600 ft lb/814 Nm Fixed Ratchet 3/4&quot; SD</td>
</tr>
<tr>
<td>Units of Measure</td>
<td>in lb/ft/lb/Nm cmNm cm.kg</td>
<td>in lb/ft/lb/Nm cmNm cm.kg</td>
</tr>
<tr>
<td>Capacity Range</td>
<td>25 ft lb/33.8 Nm - 600 ft lb/814 Nm</td>
<td>25 ft lb/33.8 Nm - 600 ft lb/814 Nm</td>
</tr>
<tr>
<td>Radio ID Number Entered in PM</td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td>Works With Holding Tool?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Radio Signal Severance Protection</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Pull-to-Green Error Proofing Guidance</td>
<td>Yes - Customizable</td>
<td>Yes - Customizable</td>
</tr>
<tr>
<td>Yellow Warning</td>
<td>90% of minimum torque value</td>
<td>90% of minimum torque value</td>
</tr>
<tr>
<td>Green</td>
<td>User programable</td>
<td>User programable</td>
</tr>
<tr>
<td>Red</td>
<td>Over target torque</td>
<td>Over target torque</td>
</tr>
<tr>
<td>Time Out in Parameter</td>
<td>Turns red when time exceeded</td>
<td>Turns red when time exceeded</td>
</tr>
<tr>
<td>Vibrating Handle on Accept</td>
<td>No</td>
<td>YES</td>
</tr>
<tr>
<td>Vibrating Handle on Reject</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>
## Error Proofing

### Error Proofing by Design

<table>
<thead>
<tr>
<th>Feature</th>
<th>1200 Series</th>
<th>1250 Series Exacta Torque &amp; Angle</th>
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<tbody>
<tr>
<td>Low Battery Icon on Tool Screen</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Active Tool Battery Status Visible on Process Monitor</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Batteries</td>
<td>4-NiMH rechargeable AA</td>
<td>NiMH rechargeable battery cartridge</td>
</tr>
<tr>
<td>Case/Display Markings</td>
<td>Exacta 2 1200 Series label on side below screen</td>
<td>Grey display mask with T2A TAM PTM Residual</td>
</tr>
<tr>
<td>Operation Display Markings</td>
<td>Target/Residual/Peak/Stored</td>
<td>T2A/TAM/PTM/Residual</td>
</tr>
<tr>
<td>Display Mask coloring</td>
<td>Blue mask with white buttons/arrows</td>
<td>Grey mask with white buttons/arrows</td>
</tr>
<tr>
<td>Torque Modes</td>
<td>Residual, Peak</td>
<td>Residual, Peak</td>
</tr>
<tr>
<td>Torque and Angle Modes</td>
<td>None</td>
<td>Torque 2 Angle (T2A)/Torque and Angle Monitoring Prevailing Torque Mode/Residual Torque</td>
</tr>
<tr>
<td>Wrench Display Track Torque Changes?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Error Proofing by Guidance

<table>
<thead>
<tr>
<th>Feature</th>
<th>1200 Series</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Flattened Case</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Wrench Level Changes Prevented</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Lever Sensitivity</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>If radio connection is severed and restored the Exacta updates the Global Series as to all work that was completed during radio loss</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Distinctive OK/NOK visual guidance on each fastening</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Color guidance Yellow/Green/Red wrench display on each fastening</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Provides batch count update to Global Series</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Distinctive OK/NOK Kinesthetic Feedback</td>
<td>No</td>
<td>Vibrates Only on OK</td>
</tr>
<tr>
<td>Low battery indicator on wrench and in Global Series process monitor</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Torque Value Visual guidance on each fastening even when radio connection may be severed/disrupted</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Continued Auditory guidance even when radio connection may be severed</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Continued Kinesthetic guidance even when radio connection may be severed</td>
<td>No</td>
<td>YES</td>
</tr>
<tr>
<td>Easy to read display</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LED on bottom of wrench for visibility from more angles</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Error Proofing by Behavior Modification

<table>
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<tr>
<th>Feature</th>
<th>1200 Series</th>
<th>1250 Series Exacta Torque &amp; Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operator can use the wrong tool</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Identifies &quot;Double Hit&quot; on fastener</td>
<td>No</td>
<td>YES</td>
</tr>
</tbody>
</table>
More than 40 years ago The Sturtevant Company and The Richmont Company were merged together to form the most comprehensive torque tool and calibration equipment product line on the planet. Many of our customers have been with us for 75 years, and all say that SR tools are, by far, the easiest to calibrate and most accurate, durable tools on the market. Try our tools and see first-hand why those who know us are customers for life.