The tightening process is simplified with visual confirmation of the applied torque.

- Highly responsive torque sensor for precise application of tightening torque
- 10 different target torque values can be programmed and easily recalled by alphabetic registration ID
- LED indicator allows the user to follow the changing torque values
- Multiple units of measure (SI, Metric, American) setup capabilities
- 50 data memory capacity with RS232C output
- Accuracy ±3% of indicated value, CW & CCW measurement, Power source: 2 x AA batteries

Your Torque Partner

TOHNICHI
Several different tightening modes available to cater to a variety of applications. Quick and accurate tightening while preventing errors. Modes include:

**Preset Tightening Mode, Judgment Tightening Mode, Peak/Run Modes**

* Retightening/loosening torque is performed in the Peak Mode.

**Preset Tightening Mode:** Allows user to set the target torque with specific % of torque allowable beyond target, then the red LED moves towards the right to indicate the level of the applied torque. When it reaches the target torque range, the blue LED blinks and the buzzer signals tightening completion.

**Judgment Tightening Mode:** Allows user to set judgment ranges for lower/upper limit in the tightening operation. Upon tightening completion a judgment is made as torque value is stored in the memory.

**Equipped with bright LED lamp**

Bright LED lamp indicates the current torque level against the target torque, which enables a precise application in the tightening operation.

**Multiple unit of measure selection**

5 changeable units of measure through keypad setup, including N·m, kgf·cm, kgf·m, lbf·in, and lbf·ft.

**Data Memory, Torque Set Registration and Output functions**

Up to 50 torque measurements can be saved as well as up to 10 different target torque or judgment range registrations. By selecting the registered torque setting (indicated alphabetically as A-J), you have the flexibility to work on several different tightening applications with ease. The stored data can be transferred to PC with RS232C cable (optional).

**TQH Ratcheting Square Drive Head ideal for tight spaces**

72 teeth ratchet with 5 degrees of operation, Push release socket lock function

* For CPT20x10D-G-SET to CPT200x19D-G-SET (4 Models).

**Common Specifications**

- **Accuracy:** ±3% of indicated value
- **Tightening Direction:** Clockwise/Counter clockwise
- **Display Character Height:** 4 segment LCD 6 digits/7mm
- **Battery Life Indicator:** 4 steps
- **Number of data Memory:** 10
- **Torque Sensing Memory:** Preset tightening mode: to torque values to register Judgment tightening mode: up to 10 values of each
- **Basic Function:** Auto power off (3 minutes)
- **Auto memory/reset**
- **Auto zero**
- **Over torque alarm**
- **Power:** All battery ±2%cs
- **Continuous Use:** Approx. 40 hours
- **Temperature in Use:** 0-40 Celsius below 85%RH (no condensation)
- **Storage Case:**
- **Part #**

**“Torque Wrench Only” Models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Torque Range</th>
<th>Overall Weight (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT10x10D-G-SET</td>
<td>1-10</td>
<td>18-100</td>
<td>0.2</td>
</tr>
<tr>
<td>CPT10x15D-G-SET</td>
<td>1.5-15</td>
<td>100-440</td>
<td>0.5</td>
</tr>
<tr>
<td>CPT20x10D-G-SET</td>
<td>2-20</td>
<td>40-200</td>
<td>0.2</td>
</tr>
<tr>
<td>CPT20x15D-G-SET</td>
<td>2.5-30</td>
<td>200-1000</td>
<td>1</td>
</tr>
</tbody>
</table>

Note 1. “Torque Wrench Only” version is provided in basic carton product box and does not include TQH Head, Batteries, Storage Case, or Product Box.

2. “Overall Length” does not include the length of interchangeable head TQH.

3. “Weight” does not include the weight of interchangeable head TQH and batteries.

4. Approx. 230 different types of interchangeable heads are available and sold separately. Refer to Tohnichi’s Torque Handbook or Product Catalog for additional information.

**“Set” Models (including Accessories)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Accuracy ±3%</th>
<th>Standard Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT10x10D-G-SET</td>
<td>9.5</td>
<td>AA Alkaline Battery (2pcs)</td>
</tr>
<tr>
<td>CPT20x10D-G-SET</td>
<td>12.7</td>
<td>Small</td>
</tr>
<tr>
<td>CPT20x10D-G-SET</td>
<td>19.0</td>
<td>Large</td>
</tr>
</tbody>
</table>

Note. Recommendation: Use 2xAA Ni-MH batteries for longer continuous use.

**How to Order**

**EX. 1** CPT10x10D-G-SET

* “Set” model version (with standard accessories)

**EX. 2** CPT20x10D-G

* “Torque Wrench Only” version (without standard accessories)