**Digital Torque Gauge**

**ATGE-G**  (Global model)

3 Way Configuration:
Hand-held, Table Top, or as a Torque Meter with Testing Fixture

- Digital torque gauge with pull out display
- Ideal for torque measurement of electronic components
- Can be used for checking accuracy of torque screwdrivers
- 4 models cover torque capacities from 0.1cN·m to 5cN·m
- Accuracy $\pm 2\% +1$ digit of indicated value, CE & RoHS compliant
- 999 data memory storage with USB output
- Multiple units of measure capabilities: SI, Metric, American

RoHS

Your Torque Partner  TOHNICHI
3 Way Configuration: Hand-Held, Table Top, or as a Torque Meter with Testing Fixture

Pull out display allows for a variety of testing configurations: hand held, table top or with testing fixture. The digital display simply slides out of the housing and is attached with a curly cord. Use the optional testing stand to secure the gauge while testing or add fixture to secure your test piece.

Ideal for torque measurement for electronic components such as small motor, encoder, potentiometer and others.

4 models cover torque capacities from 0.1cN·m (1mN·m) to 5cN·m (50mN·m).

Accuracy ±2% +1 digit of indicated value, Compliant with CE and RoHS directive.

Additional power charging option when using AC adapter (Model: BA-5) and USB cable (Model: No. 384).

The stored data can be transferred to PC with "Excel Receiver" software (Optional).

**Specifications**

**Digital Torque Gauge ATGE-G**

**Features**

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- Ideal for torque measurement for electronic components such as small motor, encoder, potentiometer and others.
- 4 models cover torque capacities from 0.1cN·m (1mN·m) to 5cN·m (50mN·m).
- Accuracy ±2% +1 digit of indicated value, Compliant with CE and RoHS directive.
- Additional power charging option when using AC adapter (Model: BA-5) and USB cable (Model: No. 384).
- The stored data can be transferred to PC with "Excel Receiver" software (Optional).

**3 Way Configuration**

1. **Hand-held style** with self contained display
   * Example: Torque measurement for small motor, development of the motor, inspection for control software

2. **Table top style** with display on the side
   * Example: Measurement for starting torque and click torque for encoder

3. **Torque Meter style** with testing fixture
   * Example: Rotating torque measurement for potentiometer

**Specifications**

<table>
<thead>
<tr>
<th>ATGE-G Models</th>
<th>Accuracy ±2% +1 digit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>cN·m</td>
</tr>
<tr>
<td></td>
<td>Min. Max.</td>
</tr>
<tr>
<td>ATG05CN-G</td>
<td>0.1-0.5</td>
</tr>
<tr>
<td>ATG1CN-G</td>
<td>0.2-1</td>
</tr>
<tr>
<td>ATG2CN-G</td>
<td>0.4-2</td>
</tr>
<tr>
<td>ATG5CN-G</td>
<td>1-5</td>
</tr>
<tr>
<td>ATG10CN-G</td>
<td>2-10</td>
</tr>
<tr>
<td>ATG20CN-G</td>
<td>4-30</td>
</tr>
</tbody>
</table>

**Standard Accessories:** Coin-type lithium battery (built-in the body), Carrying case

**Dimensions**

<table>
<thead>
<tr>
<th>Chuck Dia. [mm]</th>
<th>Dimensions [mm]</th>
<th>Weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø1-6.5</td>
<td>Overall Length</td>
<td>Outer Dia.</td>
</tr>
<tr>
<td></td>
<td>120</td>
<td>67</td>
</tr>
</tbody>
</table>

**Common Specifications**

- **Direction:** CW/CCW
- **Accuracy:** ±2% of indicated value +1 digit
- **Display:** 7 segment LCD display, Torque unit, Battery indicator, Direction, Counter 3 digits (character height 3mm), Torque value: 4 digits (character height 7mm)
- **Mode:** PEAK/RUN
- **Data Memory:** 999 readings
- **Statistic Processing:** Sample size, Max. value, Min. value, Mean value
- **Data Output:** USB output (USB mini B connector)
- **Power:** Coin-type lithium battery (CR2450)
- **Continuous in Use:** Approx. 10 hours when using coin battery
- **Other Functions:** Auto power off (3 min.), Auto memory reset (0-5 seconds variable), Auto zero adjustment, Residual battery indicator (4 steps), Buzzer ON/OFF, Unit conversion
- **Operating Temperature:** 0 to 40°C non-condensing
- **Standard Options:** Coin battery (built in), Carrying case

**Optional Accessories**

- **Testing Fixture (No. 808)*** Clump diameter: ø10 to ø58mm
- **Calibration Kit ATGTCL24CN**
- **Connecting Cable (No. 384)**
  * No. 384 cable is required when using BA-5.
- **AC Adapter BA-5**
  * Scratch-prevention for an inspection object.

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