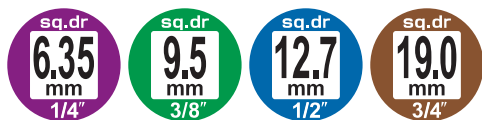


# DIGITORQON TDT-SERIES

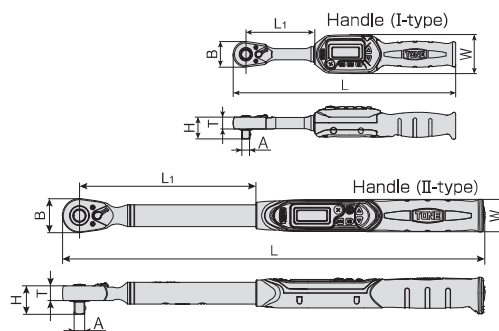
DIGITORQON TDT-series is a digital torque measurement device with ratchet. Digital LED display enable easy torque management. Alert by beeping sound when reaching the target torque. Data transfer function available.



| Model    | Torque Range<br>Min.-Max.<br>(N·m) | Min.<br>Torque<br>(N·m) | Increment<br>(N·m) | Unit<br>(*1) | Handle<br>Type | Square Drive<br>dr.<br>A<br>(mm) | Dimensions<br>(mm) |      |      |    |      |                | Weight<br>(kg)<br>(*2) |
|----------|------------------------------------|-------------------------|--------------------|--------------|----------------|----------------------------------|--------------------|------|------|----|------|----------------|------------------------|
|          |                                    |                         |                    |              |                |                                  | B                  | H    | T    | W  | L    | L <sub>1</sub> |                        |
| T2DT30H  | 6 ~ 30                             | 0.3 ~                   | 0.01               | N·m          | I              | 6.35                             | 22.5               | 19.5 | 10.3 | 47 | 221  | 38             | 0.36                   |
| T3DT60H  | 12 ~ 60                            | 0.3 ~                   | 0.01               | N·m          | I              | 9.5                              | 31.0               | 26.5 | 14.5 | 47 | 229  | 42             | 0.45                   |
| T3DT85H  | 17 ~ 85                            | 3 ~                     | 0.1                | N·m          | I              | 9.5                              | 31.0               | 26.5 | 14.5 | 47 | 271  | 84             | 0.51                   |
| T3DT135H | 27 ~ 135                           | 3 ~                     | 0.1                | N·m          | I              | 9.5                              | 31.0               | 26.5 | 14.5 | 47 | 380  | 193            | 0.65                   |
| T4DT135H | 27 ~ 135                           | 3 ~                     | 0.1                | N·m          | I              | 12.7                             | 31.0               | 30.5 | 14.5 | 47 | 380  | 193            | 0.66                   |
| T4DT200H | 40 ~ 200                           | 5 ~                     | 0.1                | N·m          | II             | 12.7                             | 41.0               | 34.5 | 18.0 | 39 | 520  | 216            | 1.28                   |
| T4DT340H | 68 ~ 340                           | 5 ~                     | 0.1                | N·m          | II             | 12.7                             | 41.0               | 34.5 | 18.0 | 39 | 640  | 336            | 1.45                   |
| T6DT500H | 100 ~ 500                          | 5 ~                     | 0.1                | N·m          | II             | 19.0                             | 60.0               | 55.0 | 30.0 | 39 | 945  | 634            | 3.00                   |
| T6DT850H | 170 ~ 850                          | 5 ~                     | 0.1                | N·m          | II             | 19.0                             | 60.0               | 55.0 | 30.0 | 39 | 1220 | 910            | 4.18                   |

| Model   | Accuracy | Battery                                      | Battery Life (*3)   | Operating Temperature | Storage Temperature | Humidity        |
|---|----------|--|---|-----------------------|---------------------|-----------------|
| T2DT30H<br>T3DT60H<br>T3DT85H<br>T3DT135H<br>T4DT135H | ±3%      | AAA Alkaline or Manganese                    | Continuous operation: 48 hrs (LED light Off)<br>Standby: 6 months (LED light Off)   | -10°C                 | -20°C               | Less than 90%RH |
| T4DT200H<br>T4DT340H<br>T6DT500H<br>T6DT850H          | ±3.5%    | Nickel Metal Hydride Rechargeable Battery x2 | Continuous operation: 110 hrs (LED light Off)<br>Standby: 12 months (LED light Off) | 60°C                  | 70°C                |                 |

\*1:Selectable Unit: N.m (preset), in-lb, ft-lb, kg-cm  
 \*2:Exclude battery.  
 \*3:Battery life varies depending on conditions. Automatically shut off when the battery life is low.



| Accessory                                |   |
|--|---|
| Communications Software                  | 1 |
| USB Cord                                 | 1 |
| AAA Alkaline(T2DT30H ~ T4DT135H)         | 2 |
| AA Alkaline (T4DT200H ~ T6DT850H)        | 2 |
| Calibration Certificate W/H Traceability | 1 |
| Instruction Manual                       | 1 |
| Plastic Case                             | 1 |



## Expire Date of Calibration Certificate

- Not in Use  
1 year from the date on the Calibration Certificate
- Start to use less than a year from the date on the Calibration Certificate.  
1 year from the first day of use or up to 10,000 tightening.

## Repair·Maintenance

- Repair and Maintenance required when LCD, LED lights or the gear teeth in ratchet head is broken. Repair work might be impossible depending on the broken condition.
- Accuracy might become inaccurate in case that the tools are not in use for a long time or are not use properly. Contact your distributor periodically to keep the accuracy of the tools.
- Carry out overhaul once a year or every 10,000 tightening.
- Contact your distributor for reissuing the calibration certificate.
- Contact your distributor for details of handling DIGITORQON.