

# TORQUE & ANGLE ELECTRONIC TORQUE WRENCH

## *21st Century Technology*

The CDI Torque and Angle Electronic Wrench incorporates 21st Century Technology in a simple to use digital wrench. Specifically designed to meet the needs of the torque professional where torque plus angle is required. It features three units of torque, ft.lbs. In.lbs. and Nm as well as the angle mode.

The Torque and Angle wrench allows the technician to apply a specific torque load, followed by the angle specification, all in one convenient wrench. It features a three LED light bar, audible buzzer and tactile feel vibrating handle. As the angle mode is a separate function, the wrench can also be used as a stand alone digital torque wrench.

### FEATURES

- Very accurate,  $\pm 2\%$ , CW of indicated value
- Gyro chip senses  $360^\circ$  of movement, and is accurate to within  $\pm 1^\circ$
- No maintenance, just change batteries at 80 hours
- VERY easy to set up and use quickly
- Almost impossible to over torque
- Digital torque measurement and digital angle measurement in one convenient package
- Fast and easy set-up
- Handle vibrates when target torque is reached
- Ergonomic non-slip cushion grip
- 15% Flex Ratchet head
- Long battery life, uses two CR123 lithium batteries
- Convenient, push button socket release ratchet head
- 3 step LED visual signal system:
  - YELLOW LIGHT = approaching target torque
  - GREEN LIGHT = target torque reached
  - RED LIGHT = over torque indicator
- N.I.S.T. traceable certificate of calibration included
- Meets or exceeds ASME B107.28 - 2005

*America's largest Manufacturer of  
Electronic and Mechanical Torque Tools*

**CDI TORQUE  
PRODUCTS**

*A Division of Snap-on Logistics Company*

## KEY FEATURES OF THE TORQUE AND ANGLE ELECTRONIC TORQUE WRENCH



The "I" button turns the wrench on, hold three second to turn off. The wrench will always start in the same mode as when turned off.



The "U" button changes the units from ft.lb. to in.lb. to Nm to Degrees.



The up and down arrow buttons change the torque value, or degrees, up or down.



The yellow LED illuminates within 10% of target torque.



The green LED illuminates within 4% of target torque. Continuous buzzer sounds when target is reached.



The red LED illuminates 4% beyond target torque, indicating fastener was overtorqued. Rapid "alarm" buzzer sounds.

## TORQUE AND ANGLE ELECTRONIC TORQUE WRENCH

Product Code	Drive	Ft. Lb.	In. Lb.	Nm	Angle	Length In. (mm)	Wt. Lbs. (kgs)
1002TAA	3/8"	10 - 100	120 - 1200	12.6 - 135.6	0-360°	17 (432)	2.2 (1.0)
2503TAA	1/2"	25 - 250	300 - 3000	33.8 - 338	0-360°	27 (686)	3.5 (1.59)

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PRODUCTS®

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### WARNING

- Do not exceed rated torque.
- Periodic recalibration is necessary to maintain accuracy.
- Do not use a torque wrench to break fasteners loose.
- Frequently inspect, clean and lubricate ratchet mechanism with light oil.

