



COMPUTORQ SG-STEEL GRIP ELECTRONIC TORQUE WRENCH

TORQUE IN LESS TIME, WITH MORE ACCURACY AND CONTROL

This new line of Electronic Torque Wrenches from CDI Torque Products is truly revolutionary. They unite torque and angle in a single mode to provide the most accurate and fastest way to tighten fasteners in a sequence. In addition to the LED indicator lights, an audible beep and handle vibration alert you when target torque is achieved.

CDI COMPUTORQ SG Industrial Electronic Torque Wrenches provide instant data on the exact torque actually applied—something mechanical wrenches can't do. The patent-pending Torque and Angle combo mode provides the most accurate and fastest way to achieve torque plus angle in a single motion. Control torque accuracy to +/- 2% clockwise, +/- 3% counterclockwise. Control angle accuracy to +/- 1% of reading and +/- 1 degree.

The rugged, all-steel body is designed to stand up to industrial use and each wrench is backed by a 1 year warranty.



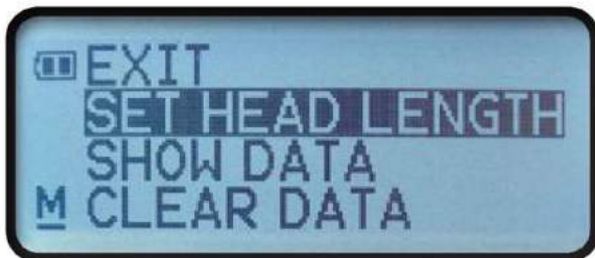
TORQUE TOOLS



ELECTRONIC WRENCH

LED INDICATOR LIGHTS

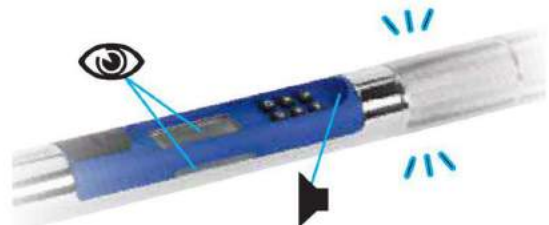
Dual side LED indicator lights with configurable settings provide operational guidance.



Snap this code with your smartphone to watch the video!

DID YOU KNOW?

These Industrial Torque Wrenches are ideal for any working condition thanks to audible, tactile and visual indicators that verify when torque is within the target range.



MULTI-SENSORY INDICATORS

The easy-to-read LCD screen, LED indicator lights, audible beep and handle vibration work together to signal when torque is within the targeted range.



COMPUTORQ SG-STEEL GRIP ELECTRONIC TORQUE WRENCH

CONVENIENCE & CONTROL

COMPUTORQ SG TORQUE WRENCHES are fully programmable for reliable, consistent, and repeatable torque application. Every model features a large, backlit LCD screen for better visibility in a variety of working conditions and a high capacity memory for storage of 1,500 readings.



CONVENIENT DATA DOWNLOAD

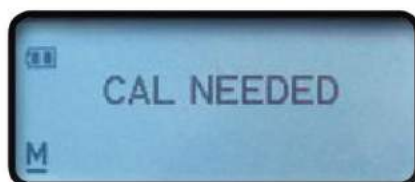
USB plug and play technology allows data download without additional software. Simply connect the included USB cord to the wrench and a PC to drag and drop data for an audit proof trail and process control.

DATE/TIME	MIN TARGET TORQUE	MAX TARGET	PEAK TORQUE	MIN TARGET	MAX TARGET	PEAK ANGLE	TORQUE UNITS	TORQUE STATUS	ANGLE STATUS	MODE COUNT
1/1/2013 16:38	20	30	20.3	0	0	0	FT-LB	OK	OK	3
1/1/2013 16:38	20	30	20.55	0	0	0	FT-LB	OK	OK	2



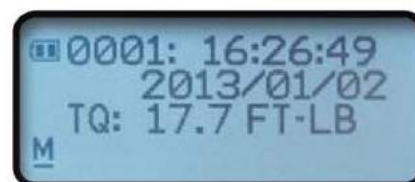
FULLY PROGRAMMABLE

50 memory presets with a batch count up to 99. Presets can be locked to prevent inadvertent changes or tampering.



CALIBRATION DUE INDICATOR

Using a patent-pending* time based calibration technology, the wrench alerts you when calibration is needed.



RELIABLE DATA TRAIL

Time stamped data trail for quality control, job auditing, and torque verification.



SEQUENCE PROGRAMMING

Allows you to program different torque applications in sequence and lock in job mode to ensure the operator follows sequence without error.

TORQUE TOOLS

ELECTRONIC WRENCH

Product Code	2401CASG	1002CASG	2503CASG	6004CASG
Square Drive	1/4"	3/8"	1/2"	3/4"
Head Type	Sealed Flex Head	Sealed Flex Head	Sealed Flex Head	Sealed Fixed Head
Torque Range, in lb	12-240	60-1200	150-3000	360-7200
Torque Range, ft lb	1-20	5-100	12.5-250	30-600
Torque Range, Nm	1.4-27.2	6.8-135.6	16.9-339	40.7-813.5
Torque Accuracy	+/- 2% Clockwise; +/- 3% Counterclock-wise	+/- 2% Clockwise; +/- 3% Counterclock-wise	+/- 2% Clockwise; +/- 3% Counterclock-wise	+/- 2% Clockwise; +/- 3% Counterclock-wise
Angle Range	0-360 Degrees	0-360 degrees	0-360 degrees	0-360 Degrees
Storage Capacity	1,500 Readings	1,500 Readings	1,500 Readings	1,500 Readings
Number of Presets	50	50	50	50
All Steel Body	Yes	Yes	Yes	Yes
Batteries Included	3 x AAA Alkaline	3 x AA Alkaline	3 x AA Alkaline	3 x AA Alkaline
Storage Case Included	Yes	Yes	Yes	Yes
Ratchet Service Kit	0514-0029-01RK	0514-0030-01RK	0514-0031-01RK	9610-0112RK
Head Depth (A)	3/4" (19.3 mm)	1-1/32" (26.19 mm)	1-3/10" (33.02 mm)	2-4/5" (71.12 mm)
Head Width (B)	15/16" (23.8 mm)	1-7/10" (43.18 mm)	1-1/2" (63.5 mm)	2-3/5" (66.04 mm)
Warranty	1-Year	1-Year	1-Year	1-Year

All models comply with ISO®-6789-2003 and ASME® B107.300-2010 (B107.28) Standards for Electronic Torque Instruments
*U.S. and Foreign Patents Pending

COMPUTORQ 3 ELECTRONIC TORQUE WRENCHES

The **COMPUTORQ 3** Electronic Torque Wrench is a simple to use digital readout wrench that displays real time torque values in any of four torque units, ft.lbs., in.lbs., Nm, kg.cm. Simply set the desired torque value and apply force until the green LED illuminates. Great for light industrial, automotive, motorcycle, watercraft and aircraft applications.

Features

- Sleek new design
- 15-degree flex ratcheting head
- Push button socket release head
- Large, easy to read digital display
- Long battery life, uses 2 each CR123 lithium batteries
- Ergonomically designed molded non-slip rubber grip
- Torques in both clockwise and counterclockwise directions
- Battery saving auto-shutoff after two minutes
- **COMPUTORQ 3** remembers last unit and torque setting selected
- Audible tone sounds when set torque value is reached, if the set torque value is exceeded, an alarm tone will sound.
- 3 color LED light bar
 YELLOW LED indicates approaching desired torque setting
 GREEN LED indicates desired torque value is reached
 RED LED indicates fastener was overtorqued, loosen and retighten.
- When desired torque value is reached, display will hold value and flash for ten seconds.
- **COMPUTORQ 3** will operate in any of four torque units, foot pounds (ft. lbs.), inch pounds (in. lbs.), newton meter (Nm) or kilogram centimeter (kg. cm.).
- **ACCURACY:**
 ±2% CW of readings from 20% to 100% of full scale
 ±3% CCW of readings from 20% to 100% of full scale
 • N.I.S.T. traceable certificate of calibration included

**HIGH ACCURACY
MODELS AVAILABLE**



TORQUE TOOLS

ELECTRONIC WRENCHES

STANDARD MODELS

Product Code	Drive	Ft. Lb.	In. Lb.	Nm	Kg. Cm.	Length In. (mm)	Wt. Lbs. (kgs)
2401CI3	1/4"	2.0 - 20.0	24 - 240	2.71 - 27.10	27.6 - 276	15 (381)	2.0 (0.91)
1002CF3	3/8"	10.0 - 100.0	120 - 1200	13.6 - 135.6	138 - 1382	17 (432)	2.2 (1.0)
2503CF3	1/2"	25 - 250	300 - 3000	33.8 - 338	345 - 3456	27 (686)	3.5 (1.59)

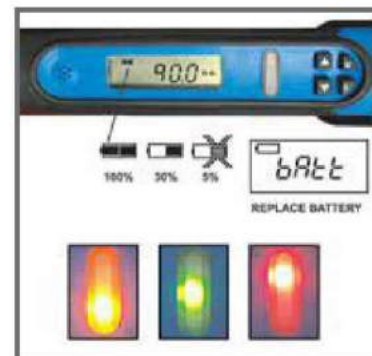


HIGH ACCURACY MODELS

Product Code	Drive	Ft. Lb.	In. Lb.	Nm	Kg. Cm.	Length In. (mm)	Wt. Lbs. (kgs)
2401CI3HA*	1/4"	2.0 - 20.0	24 - 240	2.71 - 27.10	27.6 - 276	15 (381)	2.0 (0.91)
1002CF3HA*	3/8"	10.0 - 100.0	120 - 1200	13.6 - 135.6	138 - 1382	17 (432)	2.2 (1.0)
2503CF3HA*	1/2"	25 - 250	300 - 3000	33.8 - 338	345 - 3456	27 (686)	3.5 (1.59)

The certification of accuracy provided per ASME and ISO Standards is 20% to 100% of full scale.

***HIGH ACCURACY ±1% Clockwise direction only.** **It couldn't be easier to use!**



COMPUTORQ 3 Display and 3 Color LED Light Bar

CDI TORQUE PRODUCTS

TORQUE & ANGLE™ ELECTRONIC TORQUE WRENCHES

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 and audible buzzer. As the angle mode is a separate function, the wrench can also be used as a stand alone digital torque wrench.

Features

- Accuracy is +/- 2% CW, +/- 3% CCW of indicated value
- Gyro chip senses 360° of movement, and is accurate to within +/- 3.8°
- No maintenance, just change batteries at 80 hours
- VERY easy to set up and use quickly
- Red LED alerts user when over ranged
- Digital torque measurement and digital angle measurement in one convenient package
- 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

TORQUE & ANGLE™ ELECTRONIC TORQUE WRENCHES

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

The certification of accuracy provided per ASME and ISO Standards is 20% to 100% of full scale.



CDI TORQUE PRODUCTS

HEAVY-DUTY TORQUE & ANGLE™ TORQUE WRENCH

LEADING THE WAY IN HEAVY-DUTY TORQUE AND ANGLE APPLICATIONS WITH INNOVATIVE SOLUTIONS THAT MAKE A DIFFERENCE IN DOING THE JOB RIGHT.

The CDI 600 ft.lb. Heavy-Duty Torque & Angle™ Torque Wrench eliminates the need for angle gauges and protractors, providing the most accurate and efficient way to achieve torque plus angle tightening sequences now specified by many manufacturers. The digital readout displays a torque setting then with a push of a button, switches to the angle mode. Angle readout not affected by ratcheting. Angle calculation based on the same gyroscopic technology that maintains helicopters at level flight.

- Torque Accuracy: (2% CW & 3% CCW FROM 20 - 100% F.S.)
(4% CW & 6% CCW FROM 10 - 19% F.S.)
- Angle Accuracy: ± 3.8% of indicated value
- Angular Display Resolution: 1°

Features

- Torque Units: ft.lb., in.lbs., Nm
- Audible alert when target is reached
- Display Resolution: 0.1 ft.lb., 0.1 Nm, 1 in.lb.
- Comfortable non-slip grip handle
- Sealed Ratchet Head
- 4 "AA" Alkaline Batteries Included
- Low Battery Indicator and Auto Shutoff after two minutes idle
- Operating Temperature: 40 - 110° F. (5 - 42° C)
- Storage Temperature: 0 - 122° F (-20 - 50° C)
- Humidity up to 90% non-condensing
- EU/CE-DE, ES, FR, IT, NL, PT, UK and Japanese language manual
- Certificate of N.I.S.T. traceability for 20% to 100% of full scale
- Includes storage case

HEAVY-DUTY TORQUE & ANGLE™ TORQUE WRENCH

Product Code	Drive	Ft. Lb.	In. Lb.	Nm	Angle	Length In. (mm)	Wt. Lbs. (kgs)
6004TAA	3/4"	120 - 600	1440 - 7200	156 - 780	0-360°	49 (1244.6)	14 (6.35)



TORQUE TOOLS

ELECTRONIC WRENCHES



ELECTRONIC DIAL TORQUE WRENCH

The new **Electronic Dial (ED)** torque wrench features solid-state electronics for accurate torque application and measurement. ED's design provides easy set-up and usage. There is no need to look directly at the digital readout as the wrench features 3 indicating lights and an audible buzzer.

The ED wrench has unsurpassed reliability and durability -- 21st century technology in a simple, easy to read digital torque wrench.

Features

- 4 units of measure...ft lb, in lb, Nm, kg.cm.
- Accuracy: $\pm 1\%$ CW & $\pm 1\%$ CCW - of indicated value from 20% to 100% of full scale
- 3 step LED visual signal system
YELLOW LIGHT = approaching target torque
GREEN LIGHT = target torque reached
RED LIGHT = over torque indicator
- Audible tone when desired torque is reached
- Alarm tone sounds if wrench is overtorqued
- Ergonomically designed wrench body
- Display can be turned 180 degrees to allow left hand usage
- Battery cover designed to be aviation FOD proof
- Holds "peak" torque reading for 10 seconds
- Constructed of special Capron® material for long life and durability
- Resistant to the majority of chemicals used in industrial environments
- Wrench can be hung on tool board
- Bar graph displays orientation of torque application (left or right hand)
- Uses standard 9 volt alkaline battery
- N.I.S.T. traceable certificate of calibration included
- Meets or exceeds ASME B107.300 – 2010



TORQUE TOOLS

ELECTRONIC DIAL WRENCH

ELECTRONIC DIAL TORQUE WRENCH

Product Code	Drive	In. Lb.	Ft. Lb.	Nm	Kg. Cm.	Length		Wt. Lbs. (kgs)
						In. (mm)		
501ED-CDI	1/4"	5 - 50	.42 - 4.17	.56 - 5.65	57 - 57.61	11.5 (292)	1.25 (.57)	
2502ED-CDI	3/8"	25 - 250	2.08 - 20.83	2.82 - 28.25	28 - 280.03	14.5 (368)	1.51 (.68)	
6002ED-CDI	1/2"	60 - 600	5 - 50	6.79 - 67.79	69 - 691.27	14.5 (368)	1.51 (.68)	



CDI "ED": Easy to change dial orientation.



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.