

[www.tohnichi.com](http://www.tohnichi.com)[Home](#) / [Products](#) / [Torque Wrench](#) / [Digital Type Torque Wrench](#) / [CEM-WF](#)

# Torque Wrench

## CEM-WF Digital Type Torque Wrench for 2.4/5GHz Wireless LAN

DIRECTION

RoHS FOR INSPECTIONS DIGITAL INTERCHANGEABLE HEAD DIRECT READING RE-CHARGEABLE

### Features

- Version of CEM Digital Torque wrench with 2.4/5 GHz wireless LAN communication functionality
  - Connect to a network or directly to your device using IEEE 802.11 11a/b/g/n 2.4/5GHz wireless
- Wide-Range Communication, approximately 50m, 54yd
- Includes both simple(collect and output) and duplex ( information sent to wrench, collect, and output) data communications for tightening and inspection



CEM100N3X15D-G-WF

### For Assembling



- Target torque and upper limit can be set via command input
- Preliminary alert at 80% of the tightening completion torque

- Transfer realtime tightening data to PC/Server

## For Inspection



Tohnichi's special tightening torque management software



- Direct connect on a Tablet that indicates inspection sequence
- Automatically integrates name of the part with measured data
- Transfer the realtime inspection record to PC/Server via Tablet

## Specifications

Accuracy ±1%									
MODEL		CEM10N3x8D-G-WF	CEM20N3x10D-G-WF	CEM50N3x12D-G-WF	CEM100N3x15D-G-WF	CEM200N3x19D-G-WF	CEM360N3x22D-G-WF	CEM500N3x22D-G-WF	CEM850N3x32D-G-WF
TORQUE RANGE [N • m]	MIN.~MAX.	2~10	4~20	10~50	20~100	40~200	72~360	100~500	170~850
	1DIGIT	0.01	0.02	0.05	0.1	0.2	0.4	0.5	1.0
TORQUE RANGE [kgf • m]	MIN.~MAX.	0.200~1.000	0.400~2~2.000	1.00~5.00	2.00~10.00	4.00 ~ 20.00	7.2 ~ 36.00	10.00 ~ 50.00	17.0 ~ 85.0
	1DIGIT	0.001	0.002	0.005	0.01	0.02	0.04	0.05	0.1
TORQUE RANGE [lbf • ft]	MIN.~MAX.	1.5~7.30	3.00~14.50	7.5~36.00	15.0~73.0	30.0 ~ 150.0	52.0 ~ 260.0	73.0 ~ 360.0	124 ~ 620
	1DIGIT	0.01	0.02	0.05	0.1	0.2	0.4	0.5	1
DIMENSION [mm]	OVERALL LENGTH (L')	212	214	282	384	475	713	949	1387
	WEIGHT [kg]	0.54	0.55	0.66	0.71	0.86	1.21	4.08	5.22
INTERCHANGEABLE HEAD		8D	10D	12D	15D	19D	22D	22D	32D

<b>Wireless Standard</b>	IEEE 802. 11a/b/g/n	<b>Authentication Method</b>	WPA2
<b>Frequency</b>	11 b/g/n: 2. 415GHz 11b/g : 2.4/ 11n/a :5GHz	<b>Transmission Speed</b>	11 b: Max.11 Mbps 11a/g: Max. 54Mbps 11 n: Max. 72.2Mbps
<b>Modulation Method</b>	11b: DSSS, 11a/g/n: OFDM	<b>Communication Distance</b>	Approx. 50m*
<b>Protocol</b>	TCP/IPv4	<b>Acquisition of License</b>	*Veris in radion conditions TELEC, FCC, IC, SRRC
<b>Display</b>	Power LED, Status LED		

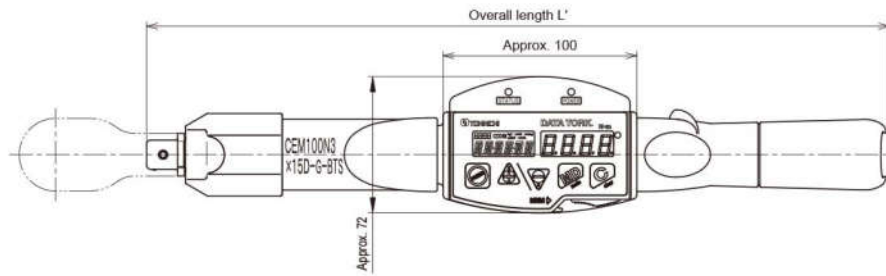
**Notes**

1. To use various functions, special software is required.
2. Contact Tohnichi for conditions of wireless certification acquisition for each country.

**Standard accessories**

QH head, BP-5 Battery, BC-3-G Charger, 584 Cable, Setting Software.

## Dimensions



## Accessories

---



**Interchangeable  
Heads**



**Sockets**



**Battery Pack BP-5**



**Quick Charger BC-3-G**