

November 24th, 2025

Circular Letter

To All Distributors

Discontinuation of “CEM3-G-BTS/BTD/BTA” and Introduction of the New Model “CEM3-G-BT”

We are pleased to announce the discontinuation of the following Digital Torque Wrench models with Bluetooth communication: **CEM3-G-BTS**, **CEM3-G-BTD**, and **CEM3-G-BTA**.

At the same time, we are introducing **CEM3-G-BT** as their new alternative model.

Schedule:

24th December 2025

Order close of CEM3-G-BTS, CEM3-G-BTD, CEM3-G-BTA:

5th January 2026

Start of order acceptance for CEM3-G-BT

The updated price will be announced separately.

Features of CEM3-G-BT

- Integrated version of CEM3-BTS (Single communication), CEM3-BTD (Duplex communication), and CEM3-BTA (Torque and Angle monitoring).
- Fully compatible with existing customer systems by switching the mode.
- In addition to Bluetooth Classic (SPP profile), Bluetooth Low Energy (GATT proprietary profile) has been added, making it dual-mode. This ensures compatibility with iOS devices such as iPad.
- iOS versions of **DtRcv** and **TDMS** are also available.

Model name comparison.

Previous Model (Will be discontinued)	New Model
CEM10N3X8D-G-BTS	CEM10N3X8D-G-BT
CEM10N3X8D-G-BTD	
CEM10N3X8D-G-BTA	
CEM20N3X10D-G-BTS	CEM20N3X10D-G-BT
CEM20N3X10D-G-BTD	
CEM20N3X10D-G-BTA	
CEM50N3X12D-G-BTS	CEM50N3X12D-G-BT
CEM50N3X12D-G-BTD	
CEM50N3X12D-G-BTA	
CEM100N3X15D-G-BTS	CEM100N3X15D-G-BT
CEM100N3X15D-G-BTD	
CEM100N3X15D-G-BTA	
CEM200N3X19D-G-BTS	CEM200N3X19D-G-BT
CEM200N3X19D-G-BTD	
CEM200N3X19D-G-BTA	
CEM360N3X22D-G-BTS	CEM360N3X22D-G-BT
CEM360N3X22D-G-BTD	
CEM360N3X22D-G-BTA	
CEM500N3X22D-G-BTS	CEM500N3X22D-G-BT
CEM500N3X22D-G-BTD	
CEM500N3X22D-G-BTA	
CEM850N3X32D-G-BTS	CEM850N3X32D-G-BT
CEM850N3X32D-G-BTD	
CEM850N3X32D-G-BTA	

Specifications of CEM3-G-BT

Unit	Range	CEM10N3X8D-G-BT	CEM20N3X10D-G-BT	CEM50N3X12D-G-BT	CEM100N3X15D-G-BT
Nm	Min.-Max.	2-10	4-20	10-50	20-100
	1digit	0.01	0.02	0.05	0.1
kgf.cm	Min.-Max.	20-100	40-200	100-500	200-1000
	1digit	0.1	0.2	0.5	1
kgf.m	Min.-Max.	0.200-1.000	0.400-2.000	1.000-5.000	2.00-10.00
	1digit	0.001	0.002	0.005	0.01
lbf.in	Min.-Max.	20.0-90.0	36.0-180.0	100.0-440.0	200-880
	1digit	0.1	0.2	0.5	1
lbf.ft	Min.-Max.	1.500-7.30	3.00-14.50	7.50-36.00	15.0-73.0
	1digit	0.01	0.02	0.05	0.1
Unit	Range	CEM200N3X19D-G-BT	CEM360N3X22D-G-BT	CEM500N3X22D-G-BT	CEM850N3X32D-G-BT
Nm	Min.-Max.	40-200	72-360	100-500	170-850
	1digit	0.2	0.4	0.5	1
kgf.cm	Min.-Max.	400-2000	720-3600	1000-5000	-
	1digit	2	4	5	-
kgf.m	Min.-Max.	4.00-20.00	7.2-36.00	10.00-50.00	17.0-85.0
	1digit	0.02	0.04	0.05	0.1
lbf.in	Min.-Max.	360-1700	650-3100	890-4400	-
	1digit	2	4	5	-
lbf.ft	Min.-Max.	30.0-150.0	52.0-260.0	73.0-360.0	124-620
	1digit	0.2	0.4	0.5	1

Common Specifications

Common Specifications	
Angle accuracy	± 2°+1digit (Angular velocity is 30-180°/s when the bolt turned to 90°)
Display	7 segment LED 4 digits (Hight 10mm)
	14 segment LCD 6 digits (Hight 7mm)
	7 segment LCD 4 digits (Hight 3mm)
	OK/NOK Judgment LED (Blue, Red)
	Bluetooth® Power LED (Red)
	Bluetooth® Connection confirmation LED (Blue)
	Battery level display: 4 steps
Data memory	999 data (Torque, final angle, Judgment result, date & time)
Standard functions	Peak hold
	Data transmitting
	Auto reset (Torque, Angle)
	Tightening completion alarm
	Judgment
	Auto zero
	Auto power off
	Over torque alarm
	Clock
Communication function	Bluetooth®
	RS232C compliant (2,400-19200bps)
	USB connector compatible serial output
Power	Nickel-metal hydride battery pack
Continuously use	8 hours
Charging time	3.5 hours
Mode selection	Key operation
Temperature of use	0 - 40 Celsius (No condensation)

Bluetooth® Common Specifications	
Bluetooth® version	V 5.0
Modification method	GFSK
Output power	8 dBm
	Class 1
Profile	SPP, GATT (proprietary profile)
Communication distance	10m

Overseas Department
Tohnichi Mfg. Co., Ltd.