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Torque Wrench

CEM3-G Digital Type Torque Wrench



RoHS FOR INSPECTIONS DIGITAL INTERCHANGEABLE HEAD DIRECT READING JUDGEMENT RE-CHARGEABLE

Features

- Industrial Grade Digital Torque Wrench Ideal for Quality Inspections
 - Robust and durable aluminum body.
- Two Mode Selection: Measuring Mode for quality inspections of already tightened fasteners or Tightening Mode for applying torque
- Dual LED and LCD Displays
 - LCD screen is viewable under the direct light, while LED screen is vivid in dark places.
- Easily select unit of measure by keypad. Certificate supplied in SI units.
- 999 Data Memory Capacity with torque value, time/date stamp, and count
 - Automatic or Manual Save Modes
- Set up Menu Selection: Measuring/Tightening Mode, Unit of Measure, Clock, Date, Data Output, Baud Rate, Hi/Lo Judgments, Buzzer, Auto- reset timer
- Supplied with Interchangeable Ratcheting Square Drive Head. A variety of other head types are sold separately
- Includes Rechargeable Battery and Charger
- Export data with Cable (sold separately)
 - Included with cable purchase is Excel Receiver Software that allows data to be transferred into an Excel® Spreadsheet. (*Note: Excel® is a registered trademark of the Microsoft Corporation).
 - Bluetooth Models Also Available: See Model CEM3-G-BT
- With CE mark. For international use including the EU region.

- Ergonomically designed and adapted for Color Vision Deficiencies (Tohnichi Unified Design).
- Applicable for international use including the EU region.
- Compliant with calibration procedures of ISO 6789 Type I Class C.



CEM100N3X15D [Overall length 384 mm]



CEM20N3X10D [Overall length 214 mm]



CEM850N3X32D [Overall length 1387 mm]

Specifications

Accuracy $\pm 1\%$					
	MODEL	CEM10N3X8D-G	CEM20N3X10D-G	CEM50N3X12D-G	CEM100N3X15D-G
TORQUE RANGE [N • m]	MIN.~MAX.	2~10	4~20	10~50	20~100
	1 DIGIT	0.01	0.02	0.05	0.1
TORQUE RANGE [kgf • cm]	MIN.~MAX.	20~100	40~200	100~500	200~1000
	1 DIGIT	0.1	0.2	0.5	1
TORQUE RANGE [kgf • m]	MIN.~MAX.	0.2~1	0.4~2	1~5	2~10
	1 DIGIT	0.001	0.002	0.005	0.01
TORQUE RANGE [lbf • in]	MIN.~MAX.	20~90	36~180	100~440	200~880
	1 DIGIT	0.1	0.2	0.5	1
TORQUE RANGE [lbf • ft]	MIN.~MAX.	1.5~7.3	3~14.5	7.5~36	15~73
	1 DIGIT	0.01	0.02	0.05	0.1
MAX. HAND FORCE [N]		48.1	92.2	196.9	275.5
DIMENSION [mm]	EFFECTIVE LENGTH (L)	208	217	254	363
	OVERALL LENGTH (L')	212	214	282	384
	HEAD (d3)	8	10	12	15
WEIGHT [kg]		0.46	0.47	0.58	0.63
INTERCHANGEABLE HEAD		(SH,RH,QH,HH) 8D	(SH,SH-N,RH,QH,DH,HH) 10D	(SH,RH,QH,RQH,DH,HH) 12D	(SH,RH,QH,RQH,DH,HH) 15D

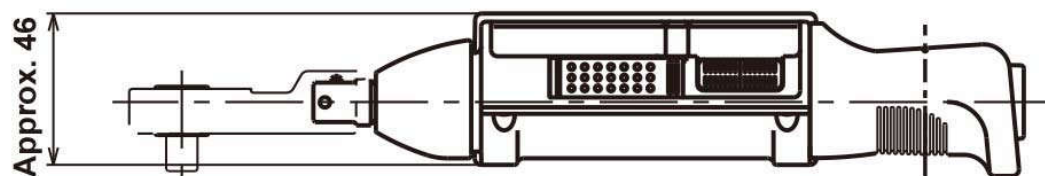
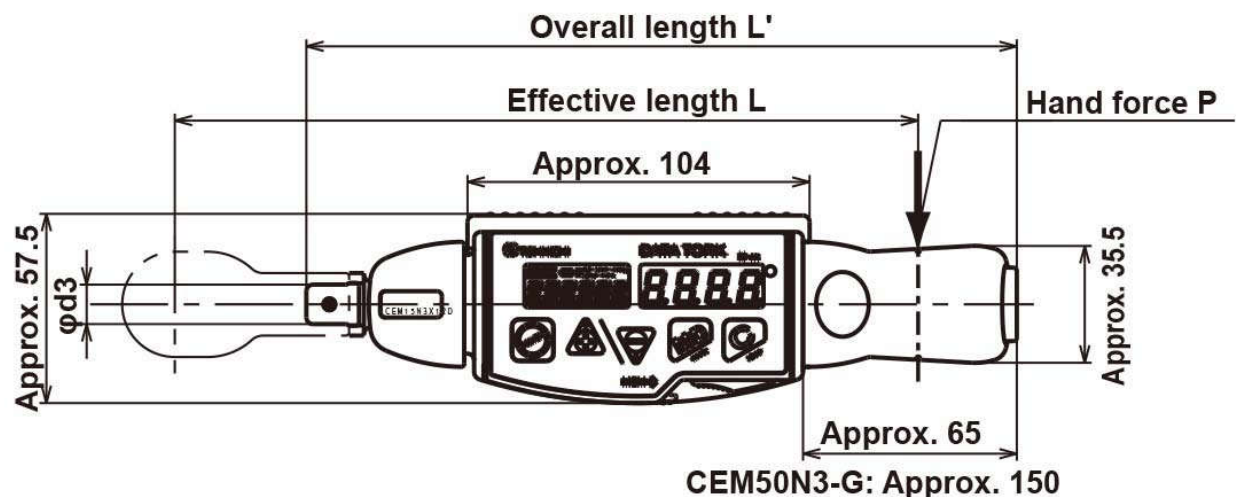
Accuracy $\pm 1\%$					
MODEL		CEM200N3X19D-G	CEM360N3X22D-G	CEM500N3X22D-G	CEM850N3X32D-G
TORQUE RANGE [N • m]	MIN.~MAX.	40~200	72~360	100~500	170~850
	1 DIGIT	0.2	0.4	0.5	1
TORQUE RANGE [kgf • cm]	MIN.~MAX.	400~2000	720~3600	1000~5000	-
	1 DIGIT	2	4	5	-
TORQUE RANGE [kgf • m]	MIN.~MAX.	4~20	7.2~36	10~50	17~85
	1 DIGIT	0.02	0.04	0.05	0.1
TORQUE RANGE [lbf • in]	MIN.~MAX.	360~1700	650~3100	890~4400	-
	1 DIGIT	2	4	5	-
TORQUE RANGE [lbf • ft]	MIN.~MAX.	30~150	52~260	73~360	124~620
	1 DIGIT	0.2	0.4	0.5	1
MAX. HAND FORCE [N]		428.3	498.6	549.5	608
DIMENSION [mm]	EFFECTIVE LENGTH (L)	467	722	910	1398
	OVERALL LENGTH (L')	475	713	949	1387
	HEAD (d3)	19		22	32
WEIGHT [kg]		0.78	1.13	4.00	5.14
INTERCHANGEABLE HEAD		(SH,RH,QH,RQH,DH,HH) 19D	(SH,RH,QH,RQH,DH,HH) 22D	(SH,RH,QH) 32D	

DISPLAY	7 segments LED 4 lines 10 mm
	14 segments LCD 6 lines 7 mm
	7 segments LED 4 lines 3 mm
	Battery Life Indicator (4 steppes)
MEMORY	Judgment LED RED / BLUE
	999 (M-2 mode: 99 data)
COMMUNICATION FUNCTIONS	RS232C (2400-19200 bps)
	Serial output corresponding to a USB connector
POWER SUPPLY	Ni-MH rechargeable battery
CONTINUOUS USE	Approx. 20 hrs with fully charged (8 hrs by 1 hrs recharging)
RECHARGING TIME	Approx. 3.5 hrs
OPERATION TEMPERATURE[°C]	0~40 no condensation
	Peak Hold
BASIC FUNCTION	Peak Data Memory with date and time
	Auto Memory & Resetting
	Tightening Completion Buzzer
	Judgment of Measured Data
	Auto Zero setting
	Auto power off (3 min)
	Clock

Standard accessories

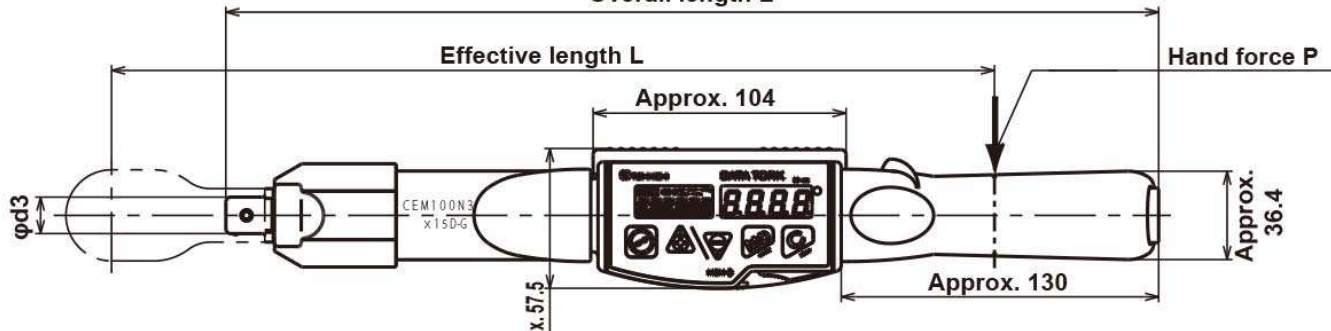
Standard Accessories: Battery pack (BP-5), QH head, Quick battery charger (BC-3-G).

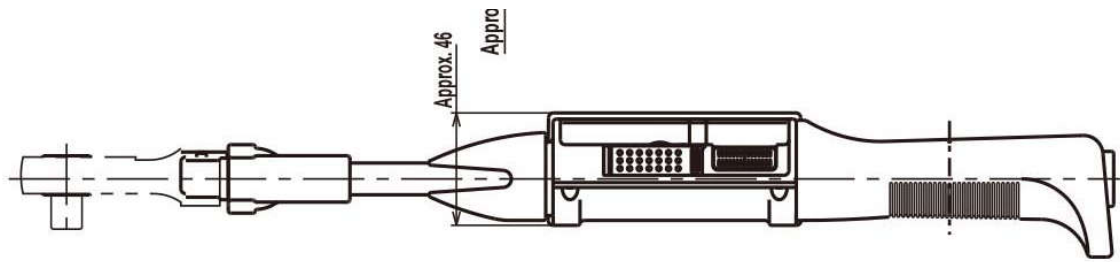
Dimensions



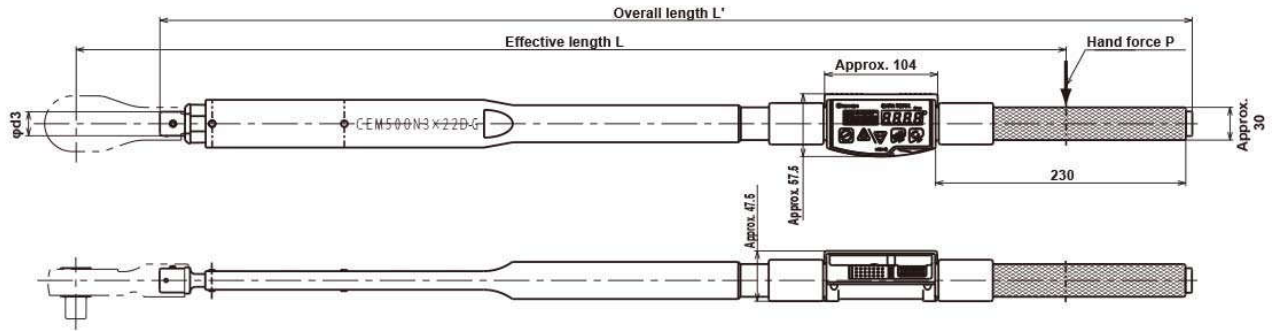
CEM10N3~50N3

Overall length L'





CEM100N3~360N3



CEM500N3 & CEM850N3

Accessories



**Interchangeable
Heads**



Connecting Cable 575



Connecting Cable 584



Battery Pack BP-5



Quick Charger BC-3-G