Upgraded Version of CEM Series
Easy to Read Dual LCD/LED Displays
User Friendly Operations
Expanded Data Controls

- Dual LCD/LED Displays
- Time Link to Measured Data
- Up to 999 Measured Data Storage
- Judgment Function Options
- RS232C Output and USB Connectivity
- Data Processing via PC
Digital Torque Wrench CEM3

Features

- **Dual Displays**
  - Switch between power saving LCD and LCD+LED for easy viewing
- **Measured Data Linked to Time**
- **Up to 999 Measured Data Storage**
- **Judgment Function**
  - OK and NG Buzzer plus LED display alerts
- **Measurement Data Functions**
  - Preset Value Buzzer and Display Alerts
  - Number Count, Max. Value, Min. Value, Average Value
  - Data Transfer for Specific Data Ranges
- **Compatible with CEM2**
  - Mode to switch between original CEM2 and new CEM3 functions
- **Environmentally friendly Ni-MH battery**
- **Residual Battery Life Indicator**
- **Expanded Battery Life (30 hrs of continuous use in power saving mode)**
- **Durable Display with Protective Cover**
- **Light Weight Aluminum Body Construction**
- **Handle Design Prevents Overtorquing**
  - For Lower Capacity Models
- **RS232C Output with optional cable for USB connection**
- **Expanded Data Processing with PC**
- **Tightening mode by Judgment function**
**Operation example**

**Standard Setup**

**Special Optional Version Setup**

Optional Version with Simple Data Filing Software Functions

**Customised Optional Interface**

**Tightening Control System for Statistical Data Processing**

**Overview**
- DFS Software communicates with Handy Terminal
- Measured torque data taken with DATA TOR-K CEM3 can be filed according to each model.
- Data Search, Statistical Data Processing, Graphing, Daily/Monthly Reports
- Flexible system with Master File maintenance, transmitting and receiving
- Help menu guidance for quick installation and set up

**Handy Terminal**

**HT-10**

**Featured Menu Options**

1. Measurement - Recall work ID number and work name, store measured data then press MEM key for automatic judgment
2. Data Search - Seek out missed work ID numbers
3. Import Data - Transfer necessary data such as work ID numbers, work name and other critical information
4. Data Transmission - Transfer measured data to PC for storage and analysis
5. Delete - Remove old or unnecessary work ID number, work names and other Master File data

**Statistic data processing**

**Digital Torque Wrench DATA-TOR-K CEM3**

**Hard Disc for Backup**

**RS232C Cable or Radio communications**

**Handy Terminal**

**HT-10**

**Communication**

**PC**
Specication

Accuracy 1¾ ± 1 digit
Display (Torque value) 7 segments LED 4 lines®
(Counter) 14 segments LCD 3 lines®
Digit Height (Torque value) 10.16mm®
(Counter) 7mm®
Number of Data Memory 999
Basic Functions Peak Hold
Peak Data Memory Run Mode
Auto Memory & Resetting Auto Zero setting
Auto Off (3 min) Over Torque Alarm
Clock
Communication Functions RS232C (2400-19200bps
Battery Life Indicator Available
Power Supply Ni-MH rechargeable battery
Continuous Use Approx 30hrs (Power saving mode)
Recharging Time Approx. 3.5hours
Communication Mode Switch Key Operation

≤LCD+LED mode

<table>
<thead>
<tr>
<th>Model</th>
<th>M</th>
<th>A</th>
<th>Max force</th>
<th>Dimension</th>
<th>Weight</th>
<th>Accessories</th>
<th>Interchangeable Head</th>
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<td>Total length [mm]</td>
<td>[kg]</td>
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Note: Metric model is named “-M”, e.g. CEM10N3X3D-M for 20 100kgf-cm.
English model is named “-A”, e.g. CEM20N3X12D-A for 36 180lb-in.

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