

Real-time interlocking with an external PC or PLC  
 For more advanced management of electric driver / manual torque driver

## Torque tester NDI-800CN NDI-80CN



### ●Leave the time

Date and time and other information are assigned to memory data. When something goes wrong, you can check the past data.

### ●Judge pass/fail

The display board uses a color liquid crystal. Pass/fail results and various information are displayed in an easy-to-understand manner.

### ●Can be operated with a PC

By connecting to a computer, you can control the main unit from the computer. Troublesome numerical settings and data saving can be easily performed.

### ●Can be operated by PLC

RS232C output is also standard equipment. The communication I/F specifications are also open to the public, so it can be controlled from the PLC.

### ●Battery-operable

You can use either an external power supply or dry batteries. Since no rechargeable battery is used, there is no need to replace the lifespan.

Show the tester specification below.

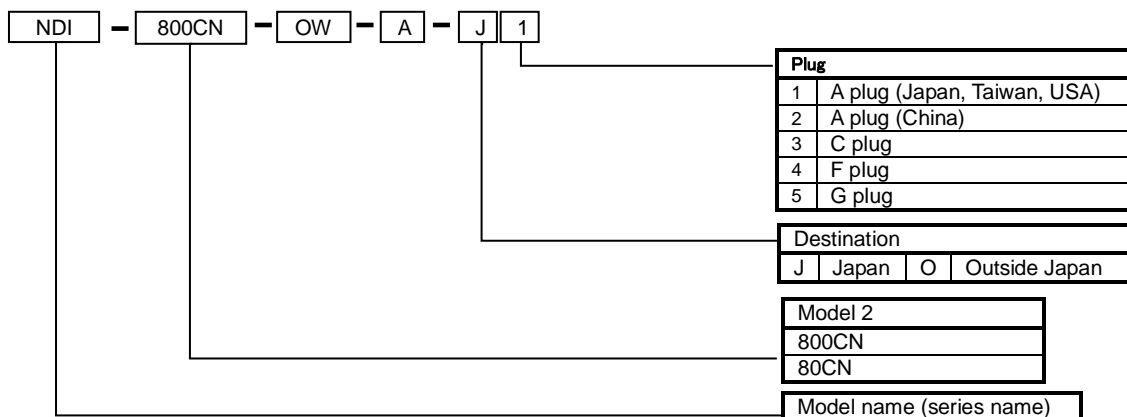
|                                  |                                                                                 |    |                                                                                 |  |
|----------------------------------|---------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------|--|
| Model                            | NDI-800CN                                                                       |    | NDI-80CN                                                                        |  |
| Range                            | 0.20 ~ 81.60 kgf·cm                                                             |    | 0.020 ~ 8.160 kgf·cm                                                            |  |
|                                  | 0.18 ~ 70.80 lbf·in                                                             |    | 0.018 ~ 7.080 lbf·in                                                            |  |
|                                  | 0.020 ~ 8.000 N·m                                                               |    | 2.0 ~ 800.0 mN·m                                                                |  |
| Unit                             | kgf·cm / lbf·in / N·m                                                           |    | kgf·cm / lbf·in / mN·m                                                          |  |
| Accuracy                         | ±0.5%<br>(If the value is 499 digit or less, the accuracy ±3 digit.)            |    |                                                                                 |  |
| Sampling rate                    | 1000 data / 1 second                                                            |    |                                                                                 |  |
| Measurement mode                 | Symbol                                                                          |    | Contents                                                                        |  |
|                                  | Peak hold                                                                       | PP | Hold the inputted maximum value.                                                |  |
|                                  | Peak down                                                                       | PD | Hold the inputted first peak value.                                             |  |
|                                  | Real time output                                                                | C  | Use at the measurement of torque wave.<br>Sampling rate is 250 data / 1 second. |  |
|                                  | Track                                                                           | TR | Use at the calibration mainly.<br>Display the load torque value.                |  |
| Memory capacity                  | 400 data                                                                        |    |                                                                                 |  |
| Clock                            | Store the measurement date.                                                     |    |                                                                                 |  |
| Power                            | AC adaptor (12V) / 4 AA batteries                                               |    |                                                                                 |  |
| Socket size                      | □20 / □9.5                                                                      |    |                                                                                 |  |
| Accessories<br>(one pieces each) | (measurement joint) OW-20 / OW-60                                               |    | (measurement joint) OW-025 / OW-10                                              |  |
|                                  | Screw cube SC-2<br>20 x 20 x 20 (M2.6/3/4/5/6 tap processing)                   |    | Screw cube SC-1<br>20 x 20 x 20 (M1 / 1.2 / 1.4 / 2 / 3 tap processing)         |  |
|                                  | AC adaptor (input : AC100~240V (50/60Hz)、 output : DC12V)                       |    |                                                                                 |  |
|                                  | USB cable (mini B type)                                                         |    |                                                                                 |  |
|                                  | AA size cell×4                                                                  |    |                                                                                 |  |
|                                  | Result of calibration, Certification on calibration, Traceability system figure |    |                                                                                 |  |

**⚠ WARNING.** Don't use for the measurement of impact tools

### About your order number

After specifying the model name, please indicate the "destination/plug shape".

※ -OW (with OW joint) and -A (dedicated case) are fixed model numbers.



**About the AC adaptor** The certification mark differs depending on the specified plug.

| Plug                                              | certification           |
|---------------------------------------------------|-------------------------|
| A plug (Japan, Taiwan, USA) A plug (China) C plug | PSE, FCC, CCC, BSMI, CE |
| F plug G plug                                     | PSE, CE, UKCA, KC       |

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