A new torque tester is born

Torque tester NDI-800CN NDI-80CN

● Measure the time.

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

● Look at pass / fail.

Tilt color liquid crystal is used for the display board. Pass / fail result and various information are displayed in an easy-to-understand manner.

● Operate with a PC.

By connecting with the personal computer, all the control of the main body can be done with the personal computer. Easy setting of numerical values and data can be done easily.

● Connect with PLC.

RS232C output is also equipped as standard. Since I / F specification of communication is also disclosed, you can control exactly from PLC as you wish.

● Work with dry batteries

Either external power source or dry battery can be used. Lifetime replacement of troublesome rechargeable batteries is unnecessary.

Sugisaki Meter co,.ltd.
4-2-12,shirahane,Ryugasaki-shi,Ibaraki 301-0841 Japan URL http://www.cedar.co.jp E-mail sales@cedar.co.jp

Show the tester specification below.

<table>
<tr><td>Model</td><td>NDI-80CN</td><td>NDI-800CN</td></tr>
<tr><td rowspan="3">Range</td><td>0.020 ~ 8.160 kgf･cm</td><td>0.20 ~ 81.60 kgf･cm</td></tr>
<tr><td>0.018 ~ 7.080 lbf･in</td><td>0.18 ~ 70.80 lbf･in</td></tr>
<tr><td>2.0 ~ 800.0 mN･m</td><td>0.020 ~ 8.000 N･m</td></tr>
<tr><td>Unit</td><td>kgf･cm / lbf･in / mN･m</td><td>kgf･cm / lbf･in / N･m</td></tr>
<tr><td>Accuracy</td><td>±0.5%
(If the value is 499 digit or less,
the accuracy ±3 digit.)</td><td>±0.5%
(If the value is 499 digit or less,
the accuracy ±3 digit.)</td></tr>
<tr><td>Sampling rate</td><td colspan="2">1000 data / 1 second</td></tr>
<tr><td>Measurement mode</td><td colspan="2"><table>
<tr><th colspan="2">Symbol</th><th>Contents</th></tr>
<tr><td>Peak hold</td><td>PP</td><td>Hold the inputted maximum value.</td></tr>
<tr><td>Peak down</td><td>PD</td><td>Hold the inputted first peak value.</td></tr>
<tr><td>Real time output</td><td>C</td><td>Use at the measurement of torque wave.
Sampling rate is 250 data / 1 second.</td></tr>
<tr><td>Track</td><td>TR</td><td>Use at the calibration mainly.
Display the load torque value.</td></tr>
</table></td></tr>
<tr><td>Memory capacity</td><td colspan="2">400 data</td></tr>
<tr><td>Clock</td><td colspan="2">Store the measurement date.</td></tr>
<tr><td>Power</td><td colspan="2">AC adaptor (12V) / AA battery</td></tr>
<tr><td>Socket size</td><td colspan="2">□20 / □9.5</td></tr>
<tr><td rowspan="6">Accessories
(one pieces each)</td><td>(measurement joint) OW-025 / OW-10</td><td>(measurement joint) OW-20 / OW-60</td></tr>
<tr><td colspan="2">Cube with screw holes of M2.6, M3, M4, M5 and M6 (size 20×20×20mm)</td></tr>
<tr><td colspan="2">AC adaptor（input : AC100~240V (50/60Hz)、output : DC12V）</td></tr>
<tr><td colspan="2">USB cable (mini B type）</td></tr>
<tr><td colspan="2">AA size cell×4</td></tr>
<tr><td colspan="2">Result of calibration, Certification on calibration, Traceability system figure</td></tr>
</table>

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

Detailed contents are animated https://youtu.be/gv7ErjlfyT8

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