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## Management of various torque wrench torque drivers

# DIS-IP series

Yes-no decision conditions etc. can save five channels.
.. A channel is only changed even if bolting conditions change. It is not necessary to reset up a maximum value and a minimum value one by one like former.
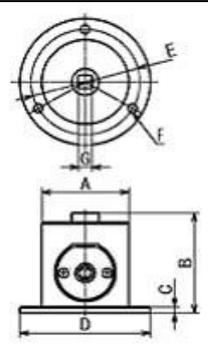
| Ch4 | PdLO 2.000 |
| HI 1.750 | CLO 2.500 |

| Ch3 | PdLO 1.000 |
| HI 3.000 | CLO 0.020 |

| ChO | PdLO 0.750 |
| HI 0.500 | CL( |
| LO 1.000 | A( |

| Ch1 | PdLO 2.000 |
| HI 2.000 | CLO 0.020 |
| LO 1.500 | AC 0.0 |

| Ch2 | PdLO 1.000 |
| CLO 0.200 |
| AC 1.0 |

## The main features

□ **Yes-no decision**

□ **Average calculation**

□ **Data storage is 800 affairs.**

□ **A convenient functional setup of a setup of a measurement start value etc.**

□ **Data output at real time (every about 1/180 seconds).**

□ **USB terminal data output**

□It is a rechargeable battery drive, the installation to the spot is also easy.

□By the auto power OFF, It prevents forgetting to turn off the power.

□One-touch zero adjustment

□An auto clearance (0.1 0.5 1.0 1.5 2.0 2.5 3.0 sec) can be set up. It is very convenient for a continuous check.

□The operation torque of a QL type and pre set type wrench driver can read measured value correctly in peak down mode (P-D).

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## Specification

| Form | DIS-IP05 | DIS-IP5 | DIS-IP50 | DIS-IP200 | DIS-IP500 |
|---|---|---|---|---|---|
| Measurement range | 2.0～500m N·m<br>0.020～5 kgf·cm<br>0.020～4.5 lbf·in | 0.020～5 N·m<br>0.20～50 kgf·cm<br>0.20～45 lbf·in | 0.20～50 N·m<br>2.0～500 kgf·cm<br>2.0～450 lbf·in | 2.0～200 N·m<br>20～2000 kgf·cm<br>20～1740 lbf·in | 2.0～500 N·m<br>20～5000 kgf·cm<br>20～4500 lbf·in |
| Accuracy | ±0.5% (499 or less digit±3digit) | | | | |
| Display | The 4 figures digital display of LCD | | | | |
| The measurement direction | CW-CCW (right and left) | | | | |
| Mode | P-P | The highest value of load is hold-displayed | | | |
| | T-R | A display also changes with load change. | | | |
| | P-D | Load catches and displays the moment included in descent from a rise. | | | |
| | C | Load torque value is outputted every about1/180 second. | | | |
| clearance | It is a display clearance in set-up time.    (0.1 - 3.0 sec) | | | | |
| A success or failure judging function | High and low value are measurement within the limits, and can be set up.<br>Five-set preservation is possible. | | | | |
| The Maximum, the minimum, and the average value | Displays, and output the data number, the maximum, the minimum, and the average value of the measured value | | | | |
| Data memory counts | 800 data | | | | |
| Auto-power-off | After the neglect during 10 minutes | | | | |
| Data output | ASCII format (baud rate 19200) | | | | |
| Power supply | Ni-MH chargeable battery | | | | |
| Charge time / use time | Charge about 3 hour /, continuation about 12-hour use | | | | |
| indicator size/ weight | 100（W）×105（D）×33（H）  (It does not contain by the projection thing.)  /  357g | | | | |
| Code length | Standard 1m (there are automatic machines no less than 4m as an option.) | | | | |
| Accessories | AC/DC adaptor | | | | |
| | An inspection report, a proofreading certificate, a traceability system figure | | | | |

## Detection machine size figure

| Form | IP05 | IP5 | IP50 | IP200 | IP500 | Detection machine outside figure |
|---|---|---|---|---|---|---|
| A | φ40 | | φ50 | φ60 | φ80 | |
| B | 41.2 | | 63 | 79 | 99 | |
| C | 5 | | 10 | 15 | 15.5 | |
| D | φ60 | | φ90 | φ110 | φ140 |  |
| E | φ50 | | φ74 | φ90 | φ116 | |
| F（Three division) | φ4.5 | | φ6.5 | φ8.3 | φ10.5 | |
| G （Socket intuition affinity) | 6.35sq | | 9.5sq | 12.7sq | 19sq | |
| weight | 189g | | 632g | 1.8kg | 3.5kg | |

*CEDAR*®

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