

Torque measurement of the tightened screw

SLIP TORQUE TESTER DI-12 series



DI-12-SL4



DI-12-SL02



- The check of "the torque value of the screw actually tightened" by the product random inspection
- The output torque of power driver is set up and managed by asking for the relation between "Value of torque tester" and "torque value of the screw actually tightened".

Measuring method

The place which performs a bundle examination and slides it from a firm point is caught, and torque value is judged. Smooth bundle work is performed by motor drive.

Since a motor is stopped after judging, neither superfluous torque nor looser torque inspection has necessity.




SLIP TORQUE TESTER DI-12

Specification

| Form | | DI-12-SL4-L*- Destination | DI-12-SL02-L*- Destination |
|----------------------------------|--------------------|--|---------------------------------|
| Accuracy guarantee range | | 0.030~4 N·m | 1.5~200.0 mN·m |
| | | 0.30~40 kgf·cm | 0.015~2 kgf·cm |
| | | 0.30~35 lbf·in | 0.015~1.74 lbf·in |
| Accuracy | | ±1% (499or less digit±5digit) | ±2% (499 or less digit±10digit) |
| Display | | The 4 figures digital display of LCD | |
| The measurement direction | | CW-CCW (right and left) A display will be the display of only an absolute value. Load of + (the CW direction) and - (the direction of CCW) is carried out to a data output. | |
| Measure- ment Mode | PP(peak) | The peak value of load is held. Destructive torque (the CW direction) -- it loosens and torque (the direction of CCW) is measured. | |
| | TR(truck) | A display changes with load change. | |
| | PD judging mode | The judgment of slip torque and the judgment of the yield point are performed. (Only the CW direction) | |
| Detection judging | | If a slip torque value is detected, you will be told about by green lamp lighting. (at the time of PD mode) | |
| Measurement start value setup | | The value which starts measurement (start of judgment operation) is set up. (0.001 N-m unit from 0 N-m) | |
| Continuation data output | | A load torque value is outputted for every fixed time during measurement in PP & PD mode. By creating a torque wave, loci, such a slip torque, yield point torque, and destructive torque can be judged. | |
| Auto-power-off | | After the neglect during 10 minutes, Power source OFF | |
| Bit plug form | | HEX 6.35 | φ 4 |
| Data output | | ASCII format (baud rate 9600) | |
| Outside dimension | Detector | φ 44×190 | φ 20×145 |
| | Indicator | 166(W)×142(D)×48(H) | |
| Weight | Detector | About 820g | About 80g |
| | Indicator | About 1kg | |
| Code length (-L*) | | Standard length: 1m (-L1) Other lengths available: 2m (-L2) and 4m (-L4) | |
| Accessories (one piece each) | | Bit ⊕ #1 #2 | Bit ⊕ #0 |
| | | An inspection report, a proofreading certificate, a traceability system figure | |

| | | | | | |
|-------------|-----------------------------|------------------------------------|----------------------------|----------------------|--------------------------|
| Destination | Code | Jx | Ox | | |
| | Contents & measurement unit | (Used in Japan only) | (Used in outside of Japan) | | |
| | | SI unit (N·m) | SI unit (N·m) | Weight unit (kgf·cm) | Yard-pound unit (lbf·in) |
| | | * x specifies the Power cord plug. | | | |
| | | Code | 1 | 3 | |
| Plug type | | A type | C type | | |

Please check the newest information and the details
of each product in a homepage. 《URL <http://www.cedar.co.jp>》

| | | | | | |
|--|--|---|--|--|--|
| | |  | | SUGISAKI METER CO.,LTD. | |
| | |   | | URL https://cedar.co.jp E-mail sales@cedar.co.jp | |
| | | MS CM014 JMAQA-409 | | | |

The contents of a catalog may change specification and a design without a preliminary announcement.