CEDAR

Torque tester DI-1M-IP series

Management of Impact tools and oil pulse tools etc.

High precision and lightweight small
The best for everyday check of
Management of Impact tools and oil pulse tools etc.

**Since it is highly precise, the bolting tool of a bolt
is manageable on the optimal conditions.
Since it is lightweight and small, it can install in
a work line. Convenient for the scheduled inspection of a tool**

It is bright and readable at an LED display.

**The high luminosity (light emitting diode) LED can be adopted as a display element,
and measured value can be read also in a dark place**

It can use also for a torque wrench.

**It can be used also for management of a torque wrench angle nut runner besides an oil pulse
wrench.**

The main features

□ **Blow counter. The total number of blows within fixed time and torque measured value are displayed.**

□ **Stable measurement can be performed in inspection of a pre set torque wrench in peak down mode.**

□ **Data Output (USB type). It connects with a personal computer, and data can be saved easily.**
    (Taking-in soft use of exclusive use)

□ **It is the highly efficient measuring instrument which carried the auto-power-off function, the auto clear
function, etc.**

Specification

Form	DI-1M-IP50	DI-1M-IP200
Measurement range **(at the time of Track)**	0.30〜50 N·m	3.0〜200 N·m
	3.0〜500 kgf·cm	30〜2000 kgf·cm
	3.0〜450 lbf·in	30〜1800 lbf·in
Operating range of Pd Mode	0.70N·m〜, 7.0kgf·cm/ lbf·in〜	7.0N·m〜, 70kgf·cm/ lbf·in〜
Accuracy	±0.5% (499 or less digit±3digit)	
Display	The 4 figures digital display of LED	
Mode	Track, Peak (from 30 or more digits to a display), Peak-Down (from 30 or more digits to a display, Operation is 70 or more)	
Blow counts	Zero to 99 blow	
Measurement time	0.1 - 9.9 seconds	
Display	LED display	
Data output	ASCII format (baud rate 19200)	
Auto clear time	In 0.5 - 3.0 seconds (0.5-second interval), an indication is automatically given zero.) It is a manual zero clearance by 0.0-second setup	
Power supply	Ni-MH battery Auto power OFF (after [OFF] the neglect during 5 minutes)	
Charge time / use time	At the time of charge about 3 hour /, and the maximum charge Continuation about 8-hour use	
Meter part Outside size	146(W)×115(D)×48(H) （It does not contain by the projection part）.	
Meter part Weight	about 600g	
Detection part Weight	about 600g	about 1.7kg
Code length	Standard 1m (there are automatic machines no less than 4m as an option.)	
Accessories	Attache case	-
	AC/DC adaptor	
	An inspection report, a proofreading certificate, a traceability system figure	

(Note) When measuring the impact tool, use a tightening torque of 30 N-m or less for IP50 and 120 N-m or less for IP200.

Detection machine size figure

Form	IP50	IP200	Detection machine outside figure
A	φ50	φ60	
B	63	78	
C	10	15.1	
D	φ90	φ108	
E	φ74	φ90	
F(Three division)	φ6.3	φ8.3	
G (Socket intuition affinity)	9.5sq	12.7sq	
Weight	632g	1.8kg	

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

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