

# Management of electric screw driver

## ● Torque Meter CD-100M/10M



### upgrade The main changed parts

- (1) In a display board, "measurement mode", a "measurement unit", "the maximum, the minimum, an average, etc.", etc. display.
- (2) Change of Measurement Unit Can be Performed N·m  $\Leftrightarrow$  kgf·cm  $\Leftrightarrow$  lbf·in Etc.
- (3) Setup of Various Numerical Values Can be Easy and Can Carry Out Speedily.
- (4) Calculation of Maximum, Minimum, and Average Became Intelligible.
- (5) The call of the saved data became easy. The output of data also became intelligible.
- (6) Fault charge protection. It is pilot-lamp lighting during charge.
- (7) Data Output is USB Form (B Type).
- (8) Memory Data are 800 Affairs
- (9) Real-time Output is Every 1 / 180 Seconds.

Specification	CD-100M	CD-10M
Measuring range (at the time of Track)	0.10~10 N·m	1.0~100 cN·m
	1.0~100 kgf·cm	0.10~10 kgf·cm
	1.0~90 lbf·in	0.10~9 lbf·in
Accuracy	$\pm 0.5\%$ (F/S) (199 or less digit $\pm 1$ digit)	
Display	The 3.5 figures digital display of LCD	
The measurement direction	CW-CCW (right and left)	
Measurement Mode	Track, P-P(peak to peak), P-D(Peak-Down), C(Real-time Output)	

High and low limits judging function	High and low value are measurement within the limits, and can be set up.	
Real-time Output	Load torque value is outputted every about 1/ 180 second.	
The Maximum, the minimum, and the average value display	The maximum, the minimum, average value, and the data number of 30 data are displayed. It saves to ten channels.	
Automatic Clearance	Automatically clear the displayed value after certain time (0.5 - 3.0 sec, selectable at each 0.5 sec). Setting 0.0 sec for manual Zero clearance	
One-touch zero	A clear button is pushed and it is a zero. Data is outputted.	
Data output	ASCII format (baud rate 19200)	
Power supply	Ni-Cd chargeable battery 1.2V×5cells 700mAh	
Auto power save	10 minutes no use, automatically switch off.	
Charging time	About 3 hours	
Continunous working time	About 12 hours	
Socket fit mouth	□ 20mm/ □9.5mm	
Weight	Abbreviation 1 kg	
Outside dimension	160(W) × 125(D) × 55(H)	
Attachment	Measurement joint SJ50/SJ10K	Measurement joint SJ10
Accessories (one piece each)	AC/DC adaptor	
	Exclusive receipt case	
	An inspection report, a proofreading certificate, traceability system figure	

<b>SJ50</b>	<b>SJ10</b>	<b>About an adapter &lt; <a href="#">measurement joint SJ (PAT.P)</a> &gt;</b>
		<p><b>It does not decompose, even if it rewinds joint too much</b>  Since the adapter attached is the coil spring compression system of the conventional system, you can use it by the conventional management method.  Moreover, this adapter is special structure. <b>It does not decompose, even if it rewinds joint too much. You can use it in comfort.</b></p>