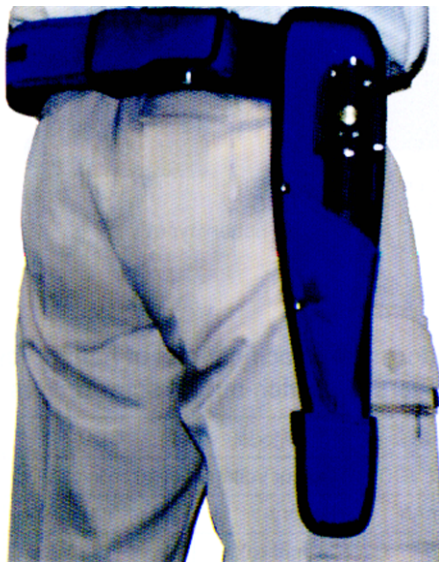


Screwdrivers for cell production

Serusute 12 Series

■Features

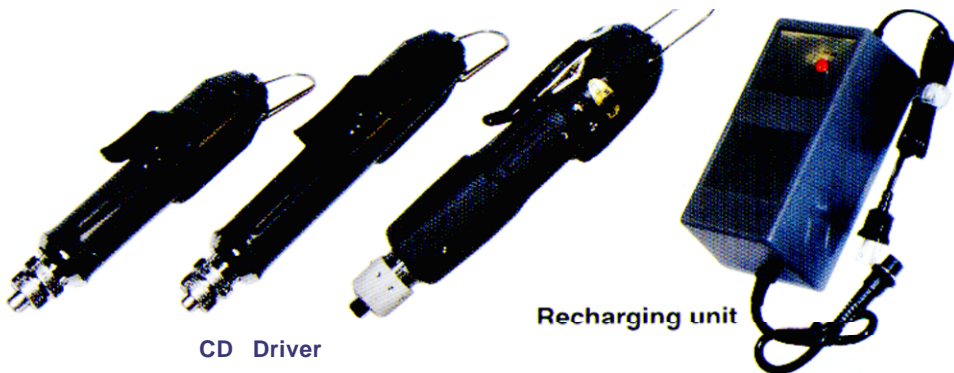
- No need for power supply or air unit. Can be used anywhere. Suitable for assembly operations or breakdown for recycling.
- The portable model is suitable for cell production operations or other operating environments demanding equipment that is easily moved about.
- Cell-type screwdrivers help cut the time required for operations and improve efficiency.
- Cell-type screwdrivers are an innovative system suitable for small volume production of numerous products
- Can tighten up to 4,000 M 3 0 screws. Has function for monitoring every tightening operation down to the last one.
- The cell-type screwdrivers can be worn on the operator's belt, and can be instantly removed from the belt as the situation may require. In this and other ways, the screwdrivers are designed with safety in mind (example; a safety tip bit design)
- The cell-type screwdrivers have a power-saving function, and their quiet operation contributes to improved environmental conditions.
- The cell-type screwdrivers are light, minimizing the burden to the operators



Portable model



Bench-mount model



CD Driver

Recharging unit

● Cell-type screwdriver product assembly chart

Voltage Rating	CD Driver Model	Bit Type	Battery	Recharging unit
12V DC	CD-4000 (Lever Start Type Push-to-Start Type)	Hios H4	Bench-mount model	CDC-12 (1 battery type)
	CD-5000 (Lever Start Type Push-to-Start Type)	or 1/4 Hexagonal	CDB-12	
	CD-6000 (Lever Start Type Push-to-Start Type)	Hios H5 or 1/4 Hexagonal	Portable model CDS-12	

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- Specifications or appearance of products are subject to change without prior announcement.



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CD Driver



CD-4000 (Lever Start Type/Push-to-Start Type)
CD-5000 (Lever Start Type/Push-to-Start Type)
CD-6000 (Lever Start Type/Push-to-Start Type)

Battery (with control function)

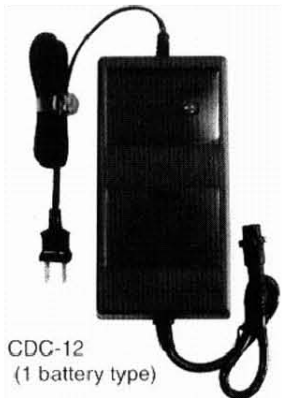


Portable model
CDS-12



Bench-mount model
CDB-12

Recharging unit



CDC-12
(1 battery type)

CD Driver specifications

Model		Mini Type		StandardType
		CD-4000	CD-5000	CD-6000
Voltage Rating		12VDC		
Torque Switching		Stepless Adjustment		
Output Torque Range	N-m	0.1 - 0.5	0.4 - 1.2	0.5 - 1.5
	lbf . in	0.9 - 4.3	3.5 - 10	4.3 - 13
	kgf -cm	1-5	4 - 12	5 - 15
Rotation Speed (r.p.m)	12V	1,000	1,000	1,300
Screw Size (mm)	Small Size Screw	1.4 - 2.6	2.0 - 3.0	2.6 - 4.0
	Tapping Screw	1.4 - 2.3		
Dimensions (mm)	Grip dia.	Ø 32.5		Ø 37
	Length	197	207	221
Weight (g)		Approx. 353	Approx. 442	506
Bit Diameter (mm)		Hios H4 or 1/4 Hexagonal		Hios H5 or 1/4 Hexagonal
Cord Length (m)		2 0 (curled cord)		

• Optional power cords of 2-meter length are available in straight.

Specifications of battery for portable screwdrivers **Specifications of battery for bench-mount screwdrivers**

Model	CDS-12
Output Voltage	10 cells 12 VDC
Battery	1,900 mAh
Weight* (g)	1,010
Belt Length (cm)	70 - 110
Has power switch and breaker restore function.	

Model	CDB-12
Output Voltage	10 cells 12 VDC
Battery	1,900 mAh
Weight (g)	930
Dimensions (mm)	100 × 50 × 140 (H)
Has power switch and breaker restore function.	

Batteries for both the portable and bench-mount models will power approximately 4,000 tightening operations on a full charge (estimate for use with Model CD-5000, providing 11N · m (10 kgf · cm) torque)

* The indicated weight of the 1,900 mAh portable-type battery, includes belt, belt case, CB case, control box and holster.

Specifications of recharging unit

Model	CDC-12
Ratings	Primary side: AC 100 V, 120 V, 220, 240 V, 50/60 Hz
	Secondary, side: DC 15 V, 1,900 mA
Recharge Time	60 - 90 minutes
Dimensions (mm)	160 x 97 x 78 (H)

Accessories to battery for portable model

Model	Part No.	Name
CDS-12	CDS12-HD01	Belt
	CDS12-HD02	Belt case
	CDS12-HD03	case
	CDS12-HD04	Holster
	CDS12-CB	Control box (skeleton type)
	CDS12-BT-19	1,900 mAh battery (standard equipment)*
	CDS12-BT-13	1,300 mAh battery (special order)*

The following two kinds of batteries are available:
1,900 mAh battery (standard equipment),
1,300 mAh battery (special order).

Cell type portable screwdriver parts

