

帝 DG 閣[®]

DG

東莞市帝閣精密電機有限公司

DONGGUAN DIGE FINEST ELECTRIC CO., LTD.

地址:廣東省東莞市長安鎮S358省道烏沙路段475號3樓

Add : 3F, No.475, Wusha Road, S358 Provincial
Road, Chang An Town, Dongguan City,
Guangdong Province, China.

TEL:0769-81556811 / 81558311 / 81556311
www.empire448.com

臺灣帝閣精密有限公司

DIGER PRECISION TECHNOLOGY CO., LTD.

地址:新竹市香山區埔前路248巷10號

Add : No.10, Ln.248, Pugian Rd., Xiangshan
Dist., Hsinchu City 300, Taiwan (R.O.C.).

TEL:+886-3-5396657



公司簡介

COMPANY PROFILE

臺灣帝閣精密公司

是一家致力專業研發、製造、銷售工業精密級電動起子及相關鎖附供料設備的原廠家，擁有多項專利權，整機台灣製造，用臺灣精品、認真的態度、專業的團隊來服務全球。

DG Precision Technology Co., Ltd. of Taiwan is an original manufacturer specializing in developing, manufacturing and selling Industrial Precision Brushless Electric Screwdrivers and automated screw feeding systems. We own a vast variety of patents for our technology and our products are 100% made in Taiwan. Our professional team thrives to offer the best service to our global customers with our earnest manner and professionalism, paired with best quality components made in Taiwan.



帝閣:總部

DG Headquarters

臺灣帝閣精密有限公司
DIGER PRECISION TECHNOLOGY CO., LTD.
地址:新竹市香山區埔前路248巷10號
Add : No.10, Ln.248, Pugian Rd.,
Xiangshan Dist., Hsinchu City 300,
Taiwan (R.O.C.).
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帝閣:中國分公司

DG China Branch

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Add : 3F, No.475, Wusha Road S358 Provincial
Road, Chang An Town, Dongguan City,
Guangdong Province, China.
TEL:+86-769- 81556811



01 工業精密級無刷電動起子
Industrial Precision Brushless Electric Screwdrivers

02 工業精密級無刷電動起子
Industrial Precision Brushless Electric Screwdrivers

03 工業精密級無刷電動起子
Industrial Precision Brushless Electric Screwdrivers

04 自動化相關產品
Automation Related Products

05 專業鎖付製程改善
Professional Screw Fastening Process Improvement



工業精密級自動化專用無刷電動起子
Industrial Precision Brushless Electric Screwdrivers For Automation Equipment

- 05 迷你型 Mini Type
- 小型 Small Type
- 07 快速 / 超快速 High Speed / Super High Speed
- 09 常規 Conventional
- 11 慢速 Slow Speed



精密錯位鎖附器
Precision Flat Angle Offset Fastening Device

- 13 Z1 / Z2-1 / Z9
工業精密級(自動化專用)無刷電動起子-小型 + Z1
Industrial Precision Brushless Electric Screwdrivers (For Automation Equipment)-Small Type + Z1
工業精密級(自動化專用)無刷電動起子-迷你型 + Z1
Industrial Precision Brushless Electric Screwdrivers (For Automation Equipment)-Mini Type + Z1



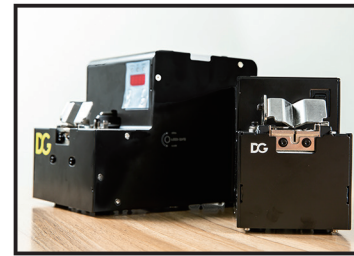
高精度螺絲整列機
High Precision Screw Feeder Machine

- 15 高精度轉盤式螺絲整列機 DG-508T
High Precision Turntable Screw Feeder Machine
高精度轉盤式迷你螺絲整列機 DG-808T
High Precision Turntable Miniature Screw Feeder Machine



工業精密級無刷電動起子
Industrial Precision Brushless Electric Screwdrivers

- 17 迷你型 Mini Type
- 小型 Small Type
- 19 快速 / 超快速 High Speed / Super High Speed
- 21 常規 Conventional
- 23 慢速 Slow Speed
- 25 大型 Large Type



高精度螺絲整列機
High Precision Screw Feeder Machine

- 27 高精度轉盤式螺絲整列機 DG-508
High Precision Turntable Screw Feeder Machine
高精度轉盤式迷你螺絲整列機 DG-808
High Precision Turntable Miniature Screw Feeder Machine
- 29 標準型螺絲整列機 DG-506
Standard Screw Feeder Machine
計數型螺絲整列機 DG-506C
Counting Screw Feeder Machine



工業級電源供應器
Industrial Power Supply

- 31 DGP-30 / DGP-30T / DGP-30T1 / DGP-30T2



配件
Accessories

- 33 彎90度接頭 / 起子架
Right Angle Drive Kits / Electric Screwdriver Tool Holsters
固定座(迷你型、小型)
Double Flange Mounting Plate (Mini Type, Small Type)
扭力護套(迷你型、小型)
Torque Adjustment Cover (Mini Type, Small Type)
AC線 / DC線
AC Power Cord / Electric Screwdriver Power Cords
彈簧吊車 / 磁環(Ø4、Ø5)
Spring Balancer / Bit Magnetizer Ring (Ø4, Ø5)
氣吸組件(迷你型、小型)
Vacuum Pick-Up Adapter Kits (Mini Type, Small Type)



工業級精密扭力測試儀
Industrial Precision Torque Tester

- 35 DGP-10 / DGP-50 / DGP-100 / DGP-300 /



起子頭
Screwdriver Bits Type

- 37 起子頭
Screwdriver Bits Type
電動螺絲刀選型記錄表
Customer Electric Screwdriver Selection Record

工業精密級自動化專用無刷電動起子

Industrial Precision Brushless Electric Screwdrivers For Automation Equipment

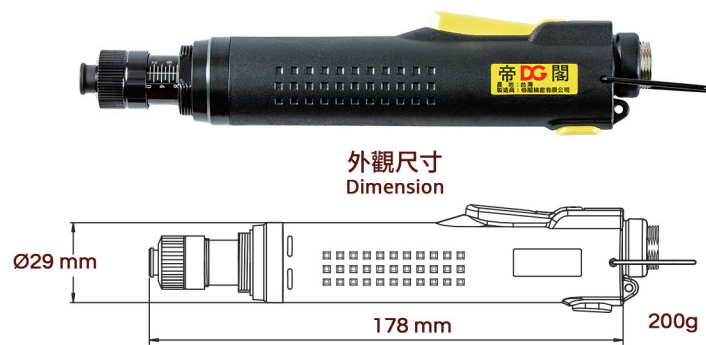
迷你型 Mini Type



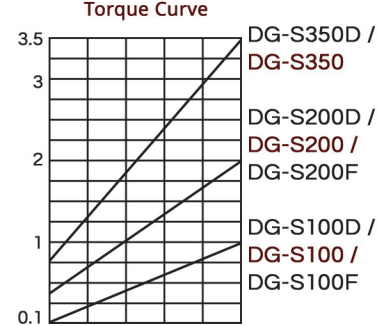
可訂製ESD外殼
ESD type is available for ordering

- 專利特殊機構，整機從電控到機構完美搭配，扭力更精準、重量輕、溫升高、產品使用壽命更長。
- 無刷環保電機，免維護、高效率、溫升高，為無塵車間專用品，適用於：手機、IPAD、手錶、筆記型電腦、通信儀器精密產品。
- 電子煞車機構，採用霍耳元件，煞車動作更靈敏，使用壽命更長。
- 體型輕巧，衝擊力低，有效提升設備緩衝機構壽命。
- 整機由臺灣製造、用臺灣精品、認真的態度、專業的團隊來服務全球客戶。
- PS. 若目錄中所列產品，不能符合您的需求，可依客戶新品開發，及製成改善性能參數。

- Patented for its special mechanism, the perfect combination from electronic control, a more precise torque, lightweight, low temperature rise and longer service life.
- Brushless environmental motor, maintenance-free, high efficiency, low temperature rise, a product made for cleanrooms, Suitable for: mobile phones, IPADS, watches, laptops, communication equipment and other precision products.
- The electronic brake mechanism adopts the Hall element, which has more sensitive braking action and longer service life.
- Lightweight, low impact force, can effectively extend the service life of the screwdriver.
- The whole electric screwdriver is made in Taiwan, ensuring the highest quality to serve global customers.
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輸出扭力曲線圖 Torque Curve



機種型號 Model No	適用電源供應器 Available Power Supply	輸入電壓 Input Voltage (DCV)	扭力範圍 Torque Range		無載轉速 No Load Speed (rpm)±10%	適用起子頭 Available Bits Style	適用螺絲 Available Screw	
			(kgf.cm)	(N.m)			機械牙 Machine Screw	自攻牙 Tapping Screw
DG-S100D	DGP-30T系列	20~30	0.1~1	0.0098~0.098	200~350	Ø4	0.8~1.4	0.8~1.2
DG-S200D	DGP-30T系列	20~30	0.3~2	0.0294~0.196	200~350	Ø4	1.0~2.3	1.0~2.0
DG-S350D	DGP-30T系列	20~30	0.8~3.5	0.0784~0.343	200~350	Ø4	1.2~2.6	1.2~2.3
DG-S100	DGP-30T系列	20~30	0.1~1	0.0098~0.098	500~800	Ø4	0.8~1.4	0.8~1.2
DG-S200	DGP-30T系列	20~30	0.3~2	0.0294~0.196	500~800	Ø4	1.0~2.3	1.0~2.0
DG-S350	DGP-30T系列	20~30	0.8~3.5	0.0784~0.343	500~800	Ø4	1.2~2.6	1.2~2.3
DG-S100F	DGP-30T系列	20~30	0.1~1	0.0098~0.098	800~1200	Ø4	0.8~1.4	0.8~1.2
DG-S200F	DGP-30T系列	20~30	0.3~2	0.0294~0.343	800~1200	Ø4	1.0~2.3	1.0~2.0

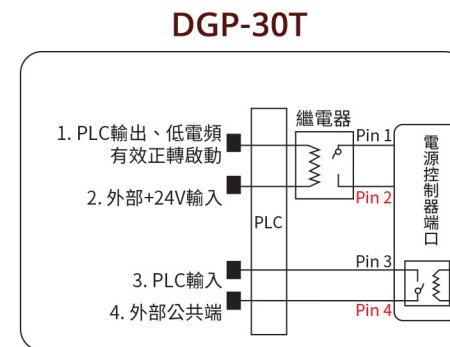
(1 kgf.cm= 0.098 N.m)

商品說明 Product Description

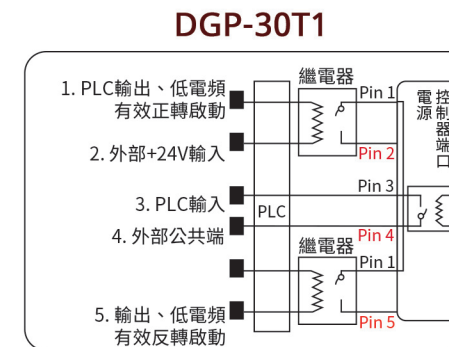
特殊專利機構，扭力精準、溫升高、使用壽命長。
Special patented mechanical structure, a more precise torque, low temperature rise and longer service life.



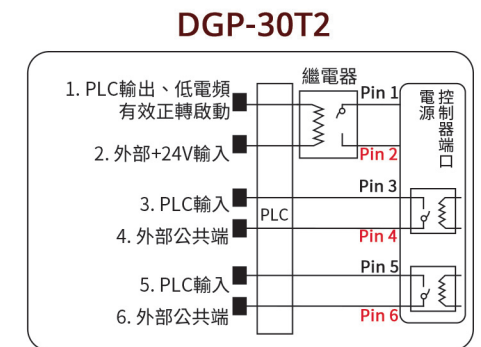
自動化電源控制器端口接線法 Automation Power Supply Connection Way With PLC



Pin1 為正反轉公共端。
Pin1 is rotation common port.
Pin1(負極) 與Pin2(正極) 連結啟動正轉。
Connection Pin1(-) and Pin2(+) will be starting forward turning.
Pin3(負極) 與Pin4(正極) 當設定扭力到達時，將導通並輸出制車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.



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Pin1(負極) 與Pin5(正極) 連結啟動反轉。
Press the forward button, the Pin1(-) and Pin5(+) will output the forward start signals.
Pin3(負極) 與Pin4(正極) 當設定扭力到達時，將導通並輸出制車信號。
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Pin5(負極) 與Pin6(正極) 正轉啟動時，將導通並輸出啟動信號。
Press the forward button, the Pin5(-) and Pin6(+) will output the forward start signals.
Pin3(正極) 與Pin4(正極) 當設定扭力到達時，將導通並輸出制車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.

工業精密級自動化專用無刷電動起子

Industrial Precision Brushless Electric Screwdrivers For Automation Equipment

快速/超快速型 (小型)

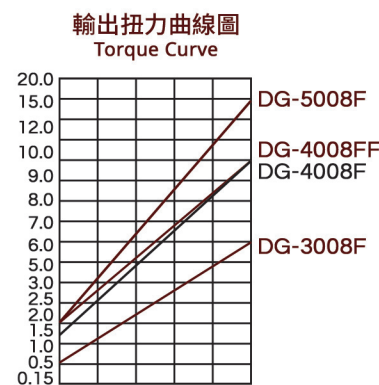
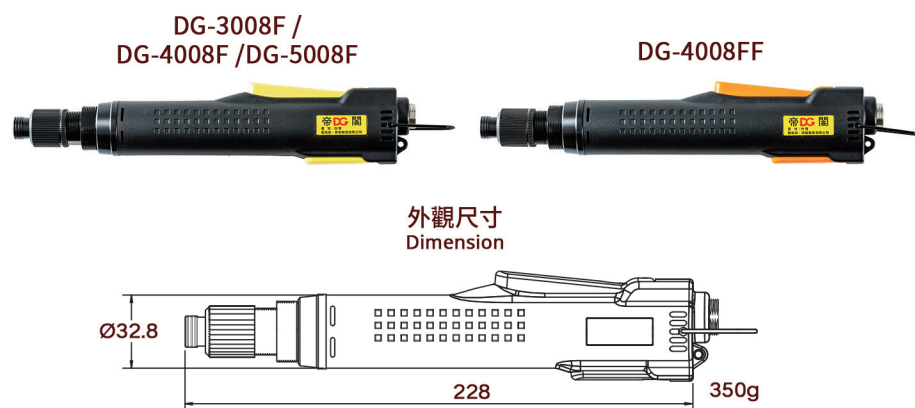
High Speed / Super High Speed Type (Small Type)

- 專利特殊機構，整機從電控到機構完美搭配，扭力更精準、重量輕、溫升低，產品使用壽命更長。
- 無刷環保電機，免維護、高效率、溫升低，為無塵車間專用品，適用於：手機、IPAD、手錶、筆記型電腦、通信儀器精密產品。
- 電子煞車機構，採用霍耳元件，煞車動作更靈敏，使用壽命更長。
- 體型輕巧，衝擊力低，有效提升設備緩衝機構壽命。
- 整機由臺灣製造、用臺灣精品、認真的態度、專業的團隊來服務全球客戶。
- PS. 若目錄中所列產品，不能符合您的需求，可依客戶新品開發，及製成改善性能參數。



可訂製ESD外殼
ESD type is available for ordering

- Patented for its special mechanism, the perfect combination from electronic control, a more precise torque, lightweight, low temperature rise and longer service life.
- Brushless environmental motor, maintenance-free, high efficiency, low temperature rise, a product made for cleanrooms, Suitable for: mobile phones, IPADS, watches, laptops, communication equipment and other precision products.
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- Lightweight, low impact force, can effectively extend the service life of the screwdriver.
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- Note: If the products listed in the catalog do not meet your needs, we can develop new products for you with performance parameters that fit your needs.



快速型 High Speed Type								
機種型號 Model No	適用電源供應器 Available Power Supply	輸入電壓 Input Voltage (DCV)	扭力範圍 Torque Range		無載轉速 No Load Speed (rpm) ±10%	適用起子頭 Available Bits Style	適用螺絲 Available Screw	
			(kgf.cm)	(N.m)		機械牙 Machine Screw	自攻牙 Tapping Screw	
DG-3008F	DGP-30T系列	20~30	0.5~6	0.049~0.588	1000~1600	Ø4、Ø5、SH¼"	1.4~2.6	1.4~2.0
DG-4008F	DGP-30T系列	20~30	1.5~10	0.147~0.98	1000~1600	Ø4、Ø5、SH¼"	1.6~3.0	1.6~2.6
DG-5008F	DGP-30T系列	20~30	2~15	0.196~1.47	1000~1600	Ø5、SH¼"	2.6~4.0	2.3~3.5
超快速型 Super High Speed Type								
DG-4008FF	DGP-30T系列	20~30	2~10	0.196~0.98	1200~2000	Ø5、SH¼"	1.6~3.0	1.6~2.6

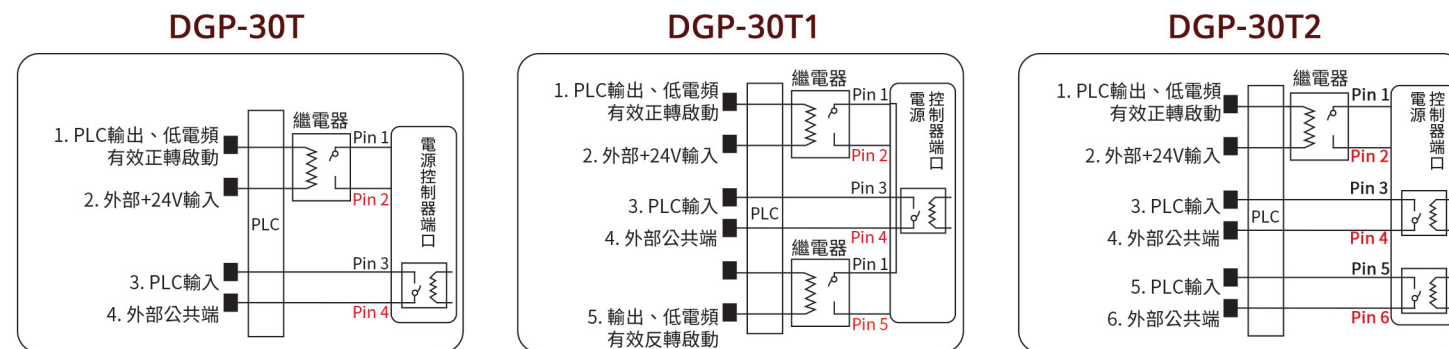
(1 kgf.cm = 0.098 N.m)

商品說明 Product Description

特殊專利機構同款 20kgf.cm 電動起子，比業界其他品牌重量輕 30% 以上。
Special patented mechanical structure, our product is 30% lighter in weight comparing with other brands of 20kgf.cm electrical screwdrivers in the market.



自動化電源控制器端口接線法 Automation Power Supply Connection Way With PLC



Pin1 為正反轉公共端。
Pin1 is rotation common port.
Pin1(負極) 與Pin2(正極) 連結啟動正轉。
Connection Pin1(-) and Pin2(+) will be starting forward turning.
Pin3(負極) 與Pin4(正極) 當設定扭力到達時，將導通並輸出剎車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.

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Pin1(負極) 與Pin5(正極) 連結啟動反轉。
Press the forward button, the Pin1(-) and Pin5(+) will output the forward start signals.
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工業精密級自動化專用無刷電動起子

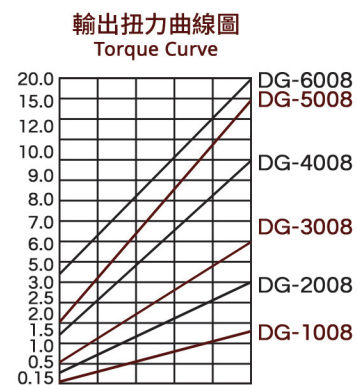
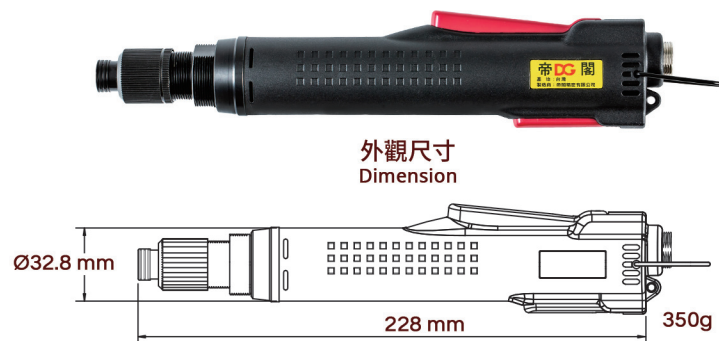
Industrial Precision Brushless Electric Screwdrivers For Automation Equipment

常規型 (小型) Conventional Type (Small Type)



可訂製ESD外殼
ESD type is available
for ordering

- 專利特殊機構，整機從電控到機構完美搭配，扭力更精準、重量輕、溫升低，產品使用壽命更長。
 - 無刷環保電機，免維護、高效率、溫升低，為無塵車間專用品，適用於：手機、IPAD、手錶、筆記型電腦、通信儀器精密產品。
 - 電子煞車機構，採用霍耳元件，煞車動作更靈敏，使用壽命更長。
 - 體型輕巧，衝擊力低，有效提升設備緩衝機構壽命。
 - 整機由臺灣製造、用臺灣精品、認真的態度、專業的團隊來服務全球客戶。
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			(kgf.cm)	(N.m)			機械牙 Machine Screw	自攻牙 Tapping Screw
DG-1008	DGP-30T系列	20~30	0.15~1.5	0.0147~0.147	600~1000	Ø4	1.0~2.0	1.0~1.7
DG-2008	DGP-30T系列	20~30	0.3~3	0.0294~0.294	600~1000	Ø4	1.0~2.3	1.0~2.0
DG-3008	DGP-30T系列	20~30	0.5~6	0.049~0.588	600~1000	Ø4、Ø5	1.4~2.6	1.4~2.3
DG-4008	DGP-30T系列	20~30	1.5~10	0.147~0.98	600~1000	Ø4、Ø5	1.6~3.0	1.6~2.6
DG-5008	DGP-30T系列	20~30	2~15	0.196~1.47	600~1000	Ø5、SH¼"	2.3~3.5	2.3~3.0
DG-6008	DGP-30T系列	20~30	4~20	0.392~1.96	600~1000	Ø5、SH¼"	2.6~5.0	2.6~4.0

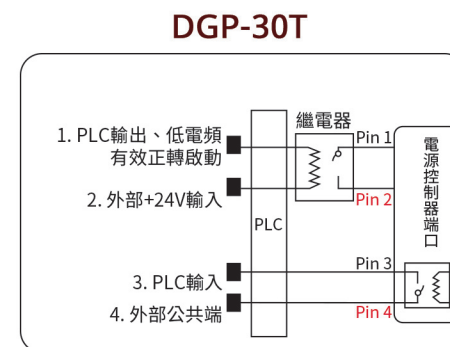
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商品說明 Product Description

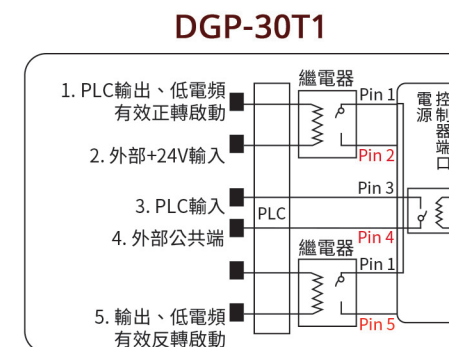
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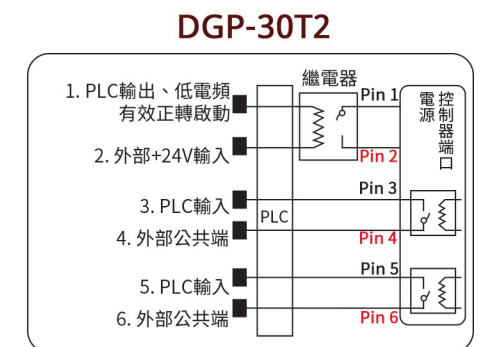
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Pin3(負極) 與Pin4(正極) 當設定扭力到達時，將導通並輸出制車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.



Pin1 為正反轉公共端。
Pin1 is rotation common port.
Pin1(負極) 與Pin2(正極) 連結啟動正轉。
Connection Pin1(-) and Pin2(+) will be starting forward turning.
Pin1(負極) 與Pin5(正極) 連結啟動反轉。
Press the forward button, the Pin1(-) and Pin5(+) will output the forward start signals.
Pin3(負極) 與Pin4(正極) 當設定扭力到達時，將導通並輸出制車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.



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Pin1 is rotation common port.
Pin1(負極) 與Pin2(正極) 連結啟動正轉。
Connection Pin1(-) and Pin2(+) will be starting forward turning.
Pin5(負極) 與Pin6(正極) 正轉啟動時，將導通並輸出啟動信號。
Press the forward button, the Pin5(-) and Pin6(+) will output the forward start signals.
Pin3(正極) 與Pin4(正極) 當設定扭力到達時，將導通並輸出制車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.

工業精密級自動化專用無刷電動起子

Industrial Precision Brushless Electric Screwdrivers For Automation Equipment

慢速型、低轉速 (小型)

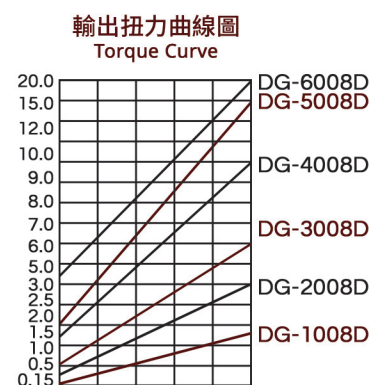
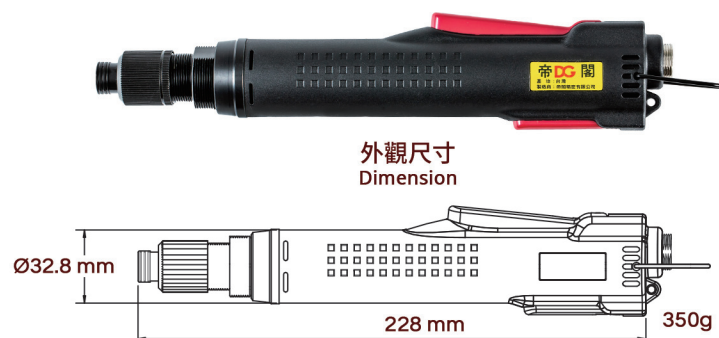
Slow Speed Type (Small Type)



可訂製ESD外殼
ESD type is available
for ordering

- 專利特殊機構，整機從電控到機構完美搭配，扭力更精準、重量輕、溫升低，產品使用壽命更長。
- 無刷環保電機，免維護、高效率、溫升低，為無塵車間專用品，適用於：手機、IPAD、手錶、筆記型電腦、通信儀器精密產品。
- 電子煞車機構，採用霍耳元件，煞車動作更靈敏，使用壽命更長。
- 體型輕巧，衝擊力低，有效提升設備緩衝機構壽命。
- 整機由臺灣製造、用臺灣精品、認真的態度、專業的團隊來服務全球客戶。
- PS. 若目錄中所列產品，不能符合您的需求，可依客戶新品開發，及製成改善性能參數。

- Patented for its special mechanism, the perfect combination from electronic control, a more precise torque, lightweight, low temperature rise and longer service life.
- Brushless environmental motor, maintenance-free, high efficiency, low temperature rise, a product made for cleanrooms, Suitable for: mobile phones, IPADS, watches, laptops, communication equipment and other precision products.
- The electronic brake mechanism adopts the Hall element, which has more sensitive braking action and longer service life.
- Lightweight, low impact force, can effectively extend the service life of the screwdriver.
- The whole electric screwdriver is made in Taiwan, ensuring the highest quality to serve global customers.
- Note: If the products listed in the catalog do not meet your needs, we can develop new products for you with performance parameters that fit your needs.



機種型號 Model No	適用電源供應器 Available Power Supply	輸入電壓 Input Voltage (DCV)	扭力範圍 Torque Range		無載轉速 No Load Speed (rpm)±10%	適用起子頭 Available Bits Style	適用螺絲 Available Screw	
			(kgf.cm)	(N.m)			機械牙 Machine Screw	自攻牙 Tapping Screw
DG-1008D	DGP-30T系列	20~30	0.15~1.5	0.0147~0.147	280~450	Ø4	1.0~2.0	1.0~1.7
DG-2008D	DGP-30T系列	20~30	0.3~3	0.0294~0.294	280~450	Ø4	1.0~2.3	1.0~2.0
DG-3008D	DGP-30T系列	20~30	0.5~6	0.049~0.588	280~450	Ø4、Ø5	1.4~2.6	1.4~2.3
DG-4008D	DGP-30T系列	20~30	1.5~10	0.147~0.98	280~450	Ø4、Ø5	1.6~3.0	1.6~2.6
DG-5008D	DGP-30T系列	20~30	2~15	0.196~1.47	280~450	Ø5、SH¼"	2.3~3.5	2.3~3.0
DG-6008D	DGP-30T系列	20~30	4~20	0.392~1.96	280~450	Ø5、SH¼"	2.6~5.0	2.6~4.0

(1 kgf.cm = 0.098 N.m)

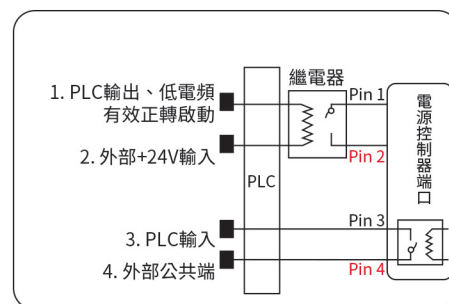
特殊專利機構同款 20kgf.cm 電動起子，比業界其他品牌重量輕 30% 以上。
Special patented mechanical structure, our product is 30% lighter in weight comparing with other brands of 20kgf.cm electrical screwdrivers in the market.



自動化電源控制器端口接線法

Automation Power Supply Connection Way With PLC

DGP-30T

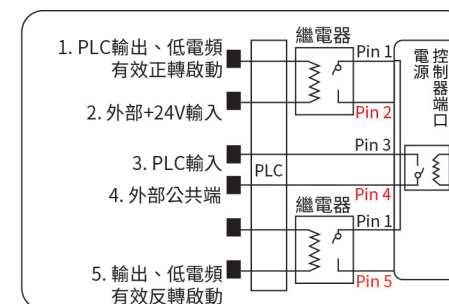


Pin1 為正反轉公共端。
Pin1 is rotation common port.

Pin1(負極) 與Pin2(正極) 連結啟動正轉。
Connection Pin1(-) and Pin2(+) will be starting forward turning.

Pin3(負極) 與Pin4(正極) 當設定扭力到達時，將導通並輸出制車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.

DGP-30T1



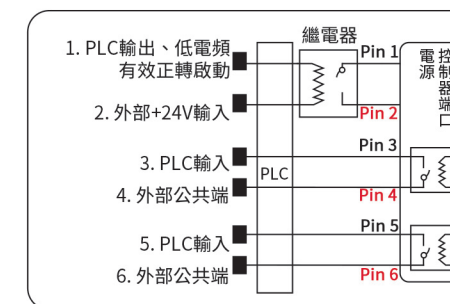
Pin1 為正反轉公共端。
Pin1 is rotation common port.

Pin1(負極) 與Pin2(正極) 連結啟動正轉。
Connection Pin1(-) and Pin2(+) will be starting forward turning.

Pin1(負極) 與Pin5(正極) 連結啟動反轉。
Press the forward button, the Pin1(-) and Pin5(+) will output the forward start signals.

Pin3(負極) 與Pin4(正極) 當設定扭力到達時，將導通並輸出制車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.

DGP-30T2



Pin1 為正反轉公共端。
Pin1 is rotation common port.

Pin1(負極) 與Pin2(正極) 連結啟動正轉。
Connection Pin1(-) and Pin2(+) will be starting forward turning.

Pin5(負極) 與Pin6(正極) 正轉啟動時，將導通並輸出啟動信號。
Press the forward button, the Pin5(-) and Pin6(+) will output the forward start signals.

Pin3(正極) 與Pin4(正極) 當設定扭力到達時，將導通並輸出制車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.

精密錯位鎖附器

Precision Flat Angle Offset Fastening Device

精密錯位鎖附器是由帝閣專業技術團隊所研發。計算出完美的黃金齒輪速比，保證了電動螺絲刀的扭力、轉速、效能都不受影響，大幅提高工作效能及產品的良率。只有垂直鎖附才是最正確的鎖附方式，而錯位鎖附器能在各種特殊空間以垂直鎖附方式鎖附產品。

The Precision Flat Angle Offset Fastening Device is developed by DG's professional technical team. The perfect golden gear ratio is calculated to ensure that the torque, speed and performance of the electric screwdriver are not affected, significantly improving the work efficiency and product defective rate. Vertical fastening is the only correct way to fasten the screw, and the Precision Flat Angle Offset Fastening Device can fastening the product in a variety of special spaces with a vertical fastening.



01

專門開發適合高精密產品特殊的鎖附空間

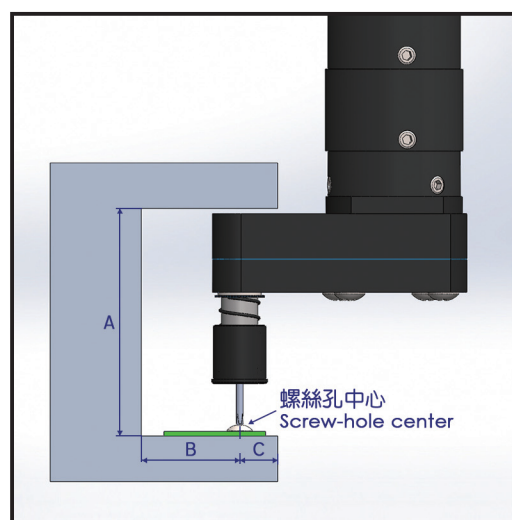
Specially designed to fasten screws for hard to reach places of high precision products.

例如：手機側面按鍵、電腦特殊工位等、手錶內特殊角度所附位置等等
Examples: mobile phone side buttons, hard to reach places of computers, special angles inside watches.

02

完美的解決了在特殊空間內無法垂直鎖附問題及因無法垂直附鎖造成的滑牙或把產品損壞的問題

The perfect solution to solve the problem of not being able to vertically fastening in difficult to reach spaces, which if not solved results in slipping and damage of the product.



需求表 Requirement List

1. 扭力 Torque
2. 轉速 Speed

3. 螺絲規格 Screw Specification (D x E x F x G x H)



- D. 螺帽尺寸 Screw Head Size
- E. 螺帽厚度 Screw Head Thickness
- F. 螺絲長度 Screw Length
- G. 螺絲牙徑 Screw Thread Diameter
- H. 螺絲種類 Screw Type

外觀尺寸 Dimension

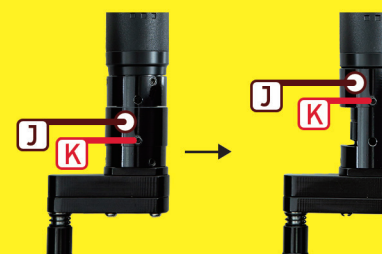
工業精密級(自動化專用)電動起子 + 精密錯位鎖附器
Industrial Precision Brushless Electric Screwdrivers (For Automation Equipment) +
The Precision Flat Angle Offset Fastening Device



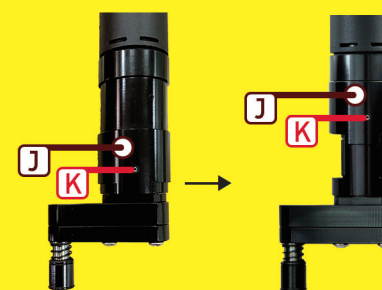
J 打開獨立式窗口，
可方便調整扭力
Open stand alone window
to easily adjust the torque.

K 調整螺絲固定
Adjust screw and mounting

迷你Z扭固定套
Mini Type



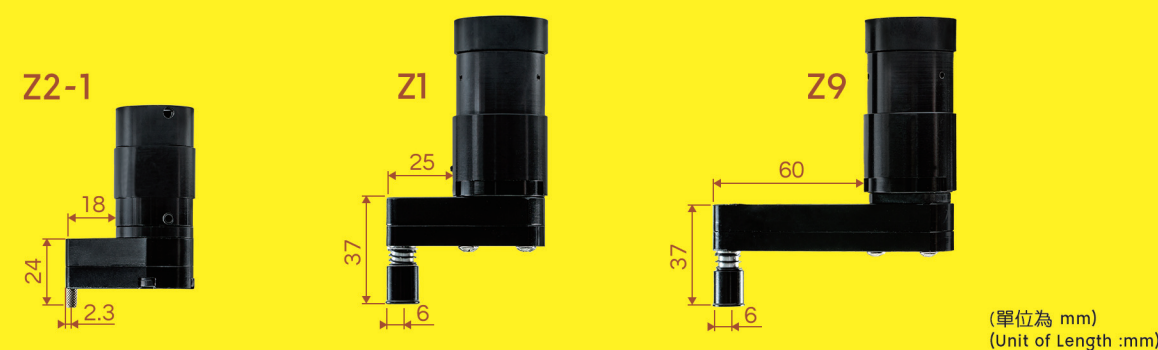
小型Z扭固定套
Small Type



(單位為 mm)
(Unit of length :mm)

外觀尺寸 Dimension

精密錯位鎖附器
The Precision Flat Angle Offset Fastening Device



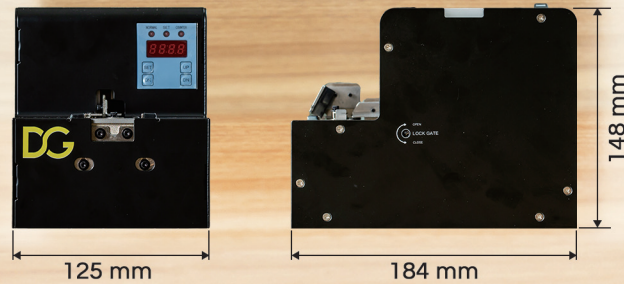
(單位為 mm)
(Unit of Length :mm)

高精度轉盤式螺絲整列機

High Precision Turntable Screw Feeder Machine

DG-508T (自動化 Automation)

- 適用自動化及無磁性螺絲。
Suitable for automation and non magnetic screws.
- 整機採用無刷式精密馬達，適合無塵車間使用。
Uses brushless motor, suitable for use in cleanrooms.
- 轉盤式圓盤採用分度盤原理，90度分割精準到位，將排好的螺絲分成單顆供給，消除螺絲重疊現象，從而實現穩定供料，不定的圓頭螺絲，帶墊片螺絲、薄頭螺絲均可順暢地取料。
The rotary disc adopts the principle of graduated disc, 90 degree segmentation means accurate positioning. The arranged screws are divided into single pieces to eliminate screw overlap, thus achieving stable feeding. The round head screws, gasket screws and thin head screws can be taken smoothly.
- 螺絲供給採用旋轉式分料比直線往返式，縮短了回原點時間，提高了螺絲的供給速度。
Supplied screws rotary disc than the linear reciprocating shorten the homing time, increasing the screw supply.
- 分料時，若有阻礙，會自動回原點，保證取料位置的準確性。
If there are any obstacles during the feeding process, it will automatically return to the original position to ensure the accuracy of the feeding position.
- 可針對每款螺絲，數位化控制調整馬達。
Can use digital control system to adjust motor for every screw type.
- 本機輸出訊號為光偶訊號，自動化設備可根據該信號判斷取料是否有螺絲，無螺絲20秒會警報提示。
The output signal is an optical signal. Automation equipment can judge whether there are screws. If there are no screws for 20 seconds, alarm will sound to alert you.

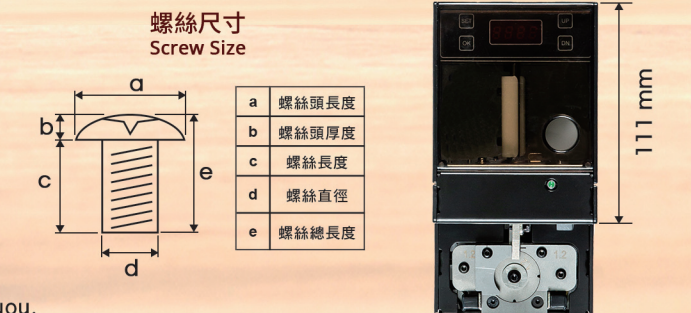
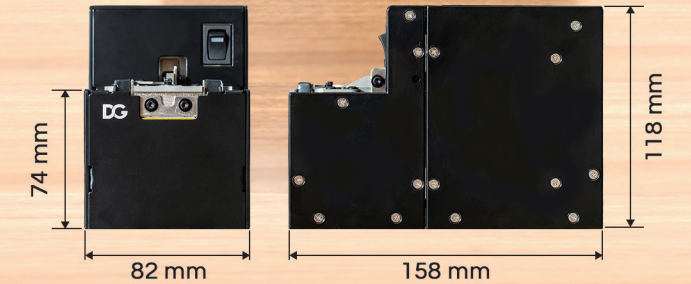


高精度轉盤式迷你型螺絲整列機

High Precision Turntable Miniature Screw Feeder Machine

DG-808T (自動化 Automation)

- 適用自動化及無磁性螺絲。
Suitable for automation and non magnetic screws.
- 整機外觀輕巧精美，採用無刷馬達。
Compact structure, uses brushless motor.
- 轉盤式圓盤採用分度盤原理，90度分割精準到位，將排好的螺絲分成單顆供給，消除螺絲重疊現象，從而實現穩定供料，不定的圓頭螺絲，帶墊片螺絲、薄頭螺絲均可順暢地取料。
The rotary disc adopts the principle of graduated disc, 90 degree segmentation means accurate positioning. The arranged screws are divided into single pieces to eliminate screw overlap, thus achieving stable feeding. The round head screws, gasket screws and thin head screws can be taken smoothly.
- 螺絲供給採用旋轉式分料比直線往返式，縮短了回原點時間，提高了螺絲的供給速度。
Supplied screws rotary disc than the linear reciprocating shorten the homing time, increasing the screw supply.
- 分料時，若有阻礙，會自動回原點，保證取料位置的準確性。
If there are any obstacles during the feeding process, it will automatically return to the original position to ensure the accuracy of the feeding position.
- 取螺絲口，無震動，實取螺絲穩定且快速。
Extract screws with no vibration, stable and fast pick up of screws.
- 本機輸出訊號為光偶訊號，自動化設備可根據該信號判斷取料是否有螺絲，無螺絲20秒會警報提示。
The output signal is an optical signal. Automation equipment can judge whether there are screws. If there are no screws for 20 seconds, alarm will sound to alert you.



機型規格 Model Specifications			
機種型號 Model No	DG-508T (自動化 Automation)	輸入電壓 Input Voltage	110-240 ACV
螺絲牙徑 Diameter Of Screw	M1.0~4.0mm	輸出電壓 Output Voltage	12V / 1.5V
螺絲長度(最大) Length Of Screw(max)	13 mm (不含螺帽 without nuts)	外型尺寸 Dimension	184(L) x 125(w) x 148(H) mm
螺絲頭材質 Material Of Screw Head	適合所有材質的螺絲 Suitable for any material screw	產品重量 Weight	3.2kg
附帶配件 Accessories	電源適配器 AC Adapter		

機型規格 Model Specifications			
機種型號 Model No	DG-808T (自動化 Automation)	輸入電壓 Input Voltage	110-240 ACV
螺絲牙徑 Diameter Of Screw	0.8、1.0、1.2、1.4、1.6、2.0mm	輸出電壓 Output Voltage	12V
螺絲長度(最大) Length Of Screw (max)	5 mm (不含螺帽 without nuts)	外型尺寸 Dimension	158(L) x 82(w) x 118(H) mm
螺絲頭材質 Material Of Screw Head	鐵或磁鐵所吸引的材質 Iron or the material which can be attracted by the magnet	產品重量 Weight	1.52kg
附帶配件 Accessories	電源適配器 AC Adapter		

工業精密級無刷電動起子

Industrial Precise Brushless Electric Screwdrivers

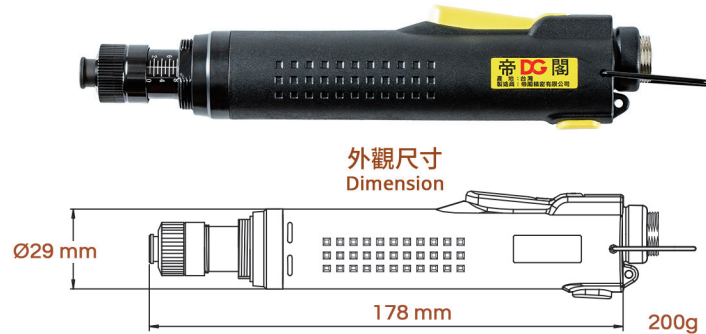
迷你型 Mini Type



可訂製ESD外殼
ESD type is available
for ordering

- 專利特殊機構，整機從電控到機構完美搭配，扭力更精準、重量輕、溫升低，產品使用壽命更長。
- 無刷環保電機，免維護、高效率、溫升低，為無塵車間專用品，適用於：手機、IPAD、手錶、筆記型電腦、通信儀器精密產品。
- 電子煞車機構，採用霍耳元件，煞車動作更靈敏，使用壽命更長。
- 體積輕巧，外觀握感極佳，減少員工疲乏度，增加產能及良率。
- 整機由臺灣製造、用臺灣精品、認真的態度、專業的團隊來服務全球客戶。
- PS. 若目錄中所列產品，不能符合您的需求，可依客戶新品開發，及製成改善性能參數

- Patented for its special mechanism, the perfect combination from electronic control, a more precise torque, lightweight, low temperature rise and longer service life.
- Brushless environmental motor, maintenance-free, high efficiency, low temperature rise, a product made for cleanrooms, Suitable for: mobile phones, IPADS, watches, laptops, communication equipment and other precision products.
- The electronic brake mechanism adopts the Hall element, which has more sensitive braking action and longer service life.
- Compact, lightweight, with good grip, which reduces employee fatigue and increases productivity and yield.
- The whole electric screwdriver is made in Taiwan, ensuring the highest quality to serve global customers.
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輸出扭力曲線圖
Torque Curve



迷你型 Mini Type								
機種型號 Model No	適用電源供應器 Available Power Supply	輸入電壓 Input Voltage (DCV)	扭力範圍 Torque Range		無載轉速 No Load Speed (rpm)±10%	適用起子頭 Available Bits Style	適用螺絲 Available Screw	
			(kgf.cm)	(N.m)			機械牙 Machine Screw	自攻牙 Tapping Screw
DG-S100D	DGP-30	20~30	0.1~1	0.0098~0.098	200~350	Ø4	0.8~1.4	0.8~1.2
DG-S200D	DGP-30	20~30	0.3~2	0.0294~0.196	200~350	Ø4	1.0~2.3	1.0~2.0
DG-S350D	DGP-30	20~30	0.8~3.5	0.0784~0.343	200~350	Ø4	1.2~2.6	1.2~2.3
DG-S100	DGP-30	20~30	0.1~1	0.0098~0.098	500~800	Ø4	0.8~1.4	0.8~1.2
DG-S200	DGP-30	20~30	0.3~2	0.0294~0.196	500~800	Ø4	1.0~2.3	1.0~2.0
DG-S350	DGP-30	20~30	0.8~3.5	0.0784~0.343	500~800	Ø4	1.2~2.6	1.2~2.3
DG-S100F	DGP-30	20~30	0.1~1	0.0098~0.098	800~1200	Ø4	0.8~1.4	0.8~1.2
DG-S200F	DGP-30	20~30	0.3~2	0.0294~0.343	800~1200	Ø4	1.0~2.3	1.0~2.0

(1 kgf.cm = 0.098 N.m)

商品說明 Product Description

特殊專利機構，扭力精準、重量輕、握感好
Special patented mechanical structure with precise torque, lightweight, and good grip.



工業精密級無刷電動起子

Industrial Precise Brushless Electric Screwdrivers

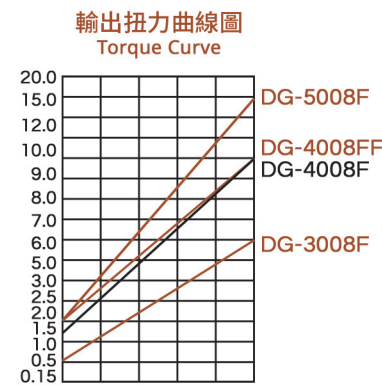
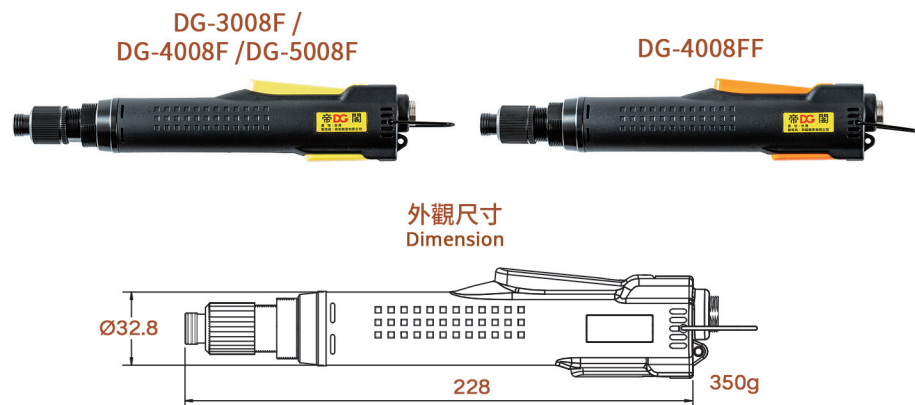
快速/超快速型 (小型) High Speed / Super High Speed Type (Small Type)



可訂製ESD外殼
ESD type is available
for ordering

- 專利特殊機構，整機從電控到機構完美搭配，扭力更精準、重量輕、溫升低，產品使用壽命更長。
- 無刷環保電機，免維護、高效率、溫升低，為無塵車間專用品，適用於：手機、IPAD、手錶、筆記型電腦、通信儀器等精密產品。
- 電子煞車機構，採用霍耳元件，煞車動作更靈敏，使用壽命更長。
- 體積輕巧，外觀握感極佳，減少員工疲乏度，增加產能及良率。
- 整機由臺灣製造、用臺灣精品、認真的態度、專業的團隊來服務全球客戶。
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- Compact, lightweight, with good grip, which reduces employee fatigue and increases productivity and yield.
- The whole electric screwdriver is made in Taiwan, ensuring the highest quality to serve global customers.
- Note: If the products listed in the catalog do not meet your needs, we can develop new products for you with performance parameters that fit your needs.



快速型 High Speed Type								
機種型號 Model No	適用電源供應器 Available Power Supply	輸入電壓 Input Voltage (DCV)	扭力範圍 Torque Range		無載轉速 No Load Speed (rpm)±10%	適用起子頭 Available Bits Style	適用螺絲 Available Screw	
			(kgf.cm)	(N.m)			機械牙 Machine Screw	自攻牙 Tapping Screw
DG-3008F	DGP-30	20~30	0.5~6	0.049~0.588	1000~1600	Ø4、Ø5、SH¼"	1.4~2.6	1.4~2.0
DG-4008F	DGP-30	20~30	1.5~10	0.147~0.98	1000~1600	Ø4、Ø5、SH¼"	1.6~3.0	1.6~2.6
DG-5008F	DGP-30	20~30	2~15	0.196~1.47	1000~1600	Ø5、SH¼"	2.6~4.0	2.3~3.5
超快速型 Super High Speed Type								
DG-4008FF	DGP-30	20~30	2~10	0.196~0.98	1200~2000	Ø5、SH¼"	1.6~3.0	1.6~2.6

(1 kgf.cm = 0.098 N.m)

商品說明 Product Description

特殊專利機構同款 20kgf.cm 電動起子，比業界其他品牌重量輕 30% 以上。
Special patented mechanical structure, our product is 30% lighter in weight comparing with other brands of 20kgf.cm electrical screwdrivers in the market.



工業精密級無刷電動起子

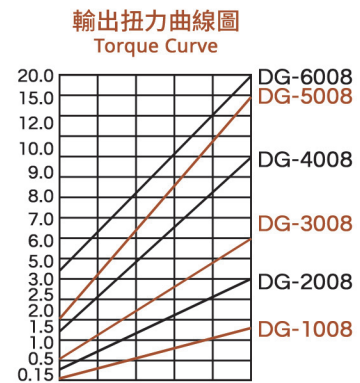
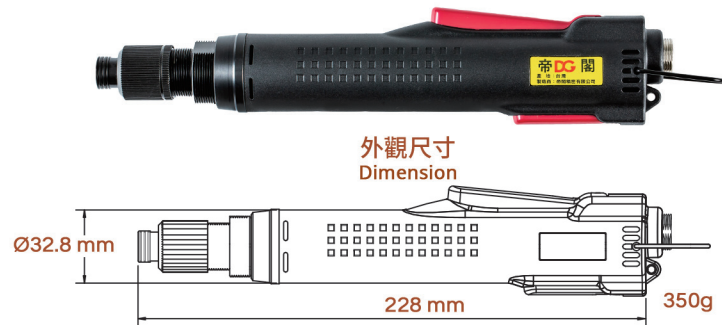
Industrial Precise Brushless Electric Screwdrivers

常規型 (小型) Conventional Type (Small Type)



可訂製ESD外殼
ESD type is available
for ordering

- 專利特殊機構，整機從電控到機構完美搭配，扭力更精準、重量輕、溫升低，產品使用壽命更長。
- 無刷環保電機，免維護、高效率、溫升低，為無塵車間專用品，適用於：手機、IPAD、手錶、筆記型電腦、通信儀器等精密產品。
- 電子煞車機構，採用霍耳元件，煞車動作更靈敏，使用壽命更長。
- 體積輕巧，外觀握感極佳，減少員工疲乏度，增加產能及良率。
- 整機由臺灣製造、用臺灣精品、認真的態度、專業的團隊來服務全球客戶。
- PS. 若目錄中所列產品，不能符合您的需求，可依客戶新品開發，及製成改善性能參數
- Patented for its special mechanism, the perfect combination from electronic control, a more precise torque, lightweight, low temperature rise and longer service life.
- Brushless environmental motor, maintenance-free, high efficiency, low temperature rise, a product made for cleanrooms, Suitable for: mobile phones, IPADS, watches, laptops, communication equipment and other precision products.
- The electronic brake mechanism adopts the Hall element, which has more sensitive braking action and longer service life.
- Compact, lightweight, with good grip, which reduces employee fatigue and increases productivity and yield.
- The whole electric screwdriver is made in Taiwan, ensuring the highest quality to serve global customers.
- Note: If the products listed in the catalog do not meet your needs, we can develop new products for you with performance parameters that fit your needs.



常規型 Conventional Type								
機種型號 Model No	適用電源供應器 Available Power Supply	輸入電壓 Input Voltage (DCV)	扭力範圍 Torque Range		無載轉速 No Load Speed (rpm)±10%	適用起子頭 Available Bits Style	適用螺絲 Available Screw	
			(kgf.cm)	(N.m)			機械牙 Machine Screw	自攻牙 Tapping Screw
DG-1008	DGP-30	20~30	0.15~1.5	0.0147~0.147	600~1000	Ø4	1.0~2.0	1.0~1.7
DG-2008	DGP-30	20~30	0.3~3	0.0294~0.294	600~1000	Ø4	1.0~2.3	1.0~2.0
DG-3008	DGP-30	20~30	0.5~6	0.049~0.588	600~1000	Ø4、Ø5	1.4~2.6	1.4~2.3
DG-4008	DGP-30	20~30	1.5~10	0.147~0.98	600~1000	Ø4、Ø5	1.6~3.0	1.6~2.6
DG-5008	DGP-30	20~30	2~15	0.196~1.47	600~1000	Ø5、SH¼"	2.3~3.5	2.3~3.0
DG-6008	DGP-30	20~30	4~20	0.392~1.96	600~1000	Ø5、SH¼"	2.6~5.0	2.6~4.0

(1 kgf.cm = 0.098 N.m)

商品說明 Product Description

特殊專利機構同款 20kgf.cm 電動起子，比業界其他品牌重量輕 30% 以上
Special patented mechanical structure, our product is 30% lighter in weight comparing with other brands of 20kgf.cm electrical screwdrivers in the market.



工業精密級無刷電動起子

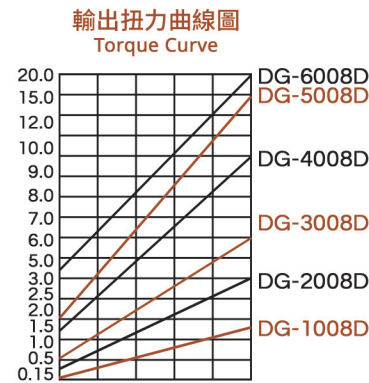
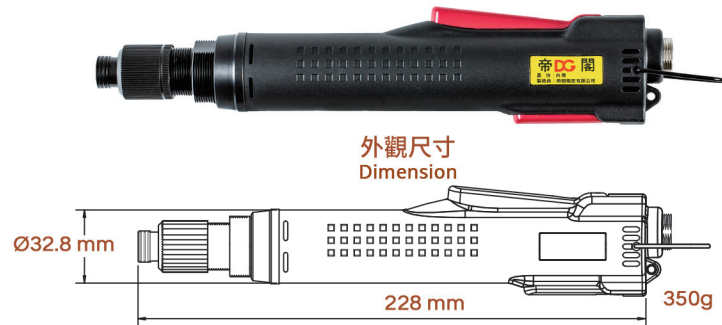
Industrial Precise Brushless Electric Screwdrivers

慢速型、低轉速 (小型) Slow Speed Type (Small Type)



可訂製ESD外殼
ESD type is available
for ordering

- 專利特殊機構，整機從電控到機構完美搭配，扭力更精準、重量輕、溫升低，產品使用壽命更長。
- 無刷環保電機，免維護、高效率、溫升低，為無塵車間專用品，適用於：手機、IPAD、手錶、筆記型電腦、通信儀器等精密產品。
- 電子煞車機構，採用霍耳元件，煞車動作更靈敏，使用壽命更長。
- 體積輕巧，外觀握感極佳，減少員工疲乏度，增加產能及良率。
- 整機由臺灣製造、用臺灣精品、認真的態度、專業的團隊來服務全球客戶。
- PS. 若目錄中所列產品，不能符合您的需求，可依客戶新品開發，及製成改善性能參數
- Patented for its special mechanism, the perfect combination from electronic control, a more precise torque, lightweight, low temperature rise and longer service life.
- Brushless environmental motor, maintenance-free, high efficiency, low temperature rise, a product made for cleanrooms, Suitable for: mobile phones, IPADS, watches, laptops, communication equipment and other precision products.
- The electronic brake mechanism adopts the Hall element, which has more sensitive braking action and longer service life.
- Compact, lightweight, with good grip, which reduces employee fatigue and increases productivity and yield.
- The whole electric screwdriver is made in Taiwan, ensuring the highest quality to serve global customers.
- Note: If the products listed in the catalog do not meet your needs, we can develop new products for you with performance parameters that fit your needs.



慢速型 Slow Speed Type								
機種型號 Model No	適用電源供應器 Available Power Supply	輸入電壓 Input Voltage (DCV)	扭力範圍 Torque Range		無載轉速 No Load Speed (rpm)±10%	適用起子頭 Available Bits Style	適用螺絲 Available Screw	
			(kgf.cm)	(N.m)			機械牙 Machine Screw	自攻牙 Tapping Screw
DG-1008D	DGP-30	20~30	0.15~1.5	0.0147~0.147	280~450	Ø4	1.0~2.0	1.0~1.7
DG-2008D	DGP-30	20~30	0.3~3	0.0294~0.294	280~450	Ø4	1.0~2.3	1.0~2.0
DG-3008D	DGP-30	20~30	0.5~6	0.049~0.588	280~450	Ø4、Ø5	1.4~2.6	1.4~2.3
DG-4008D	DGP-30	20~30	1.5~10	0.147~0.98	280~450	Ø4、Ø5	1.6~3.0	1.6~2.6
DG-5008D	DGP-30	20~30	2~15	0.196~1.47	280~450	Ø5、SH¼"	2.3~3.5	2.3~3.0
DG-6008D	DGP-30	20~30	4~20	0.392~1.96	280~450	Ø5、SH¼"	2.6~5.0	2.6~4.0

(1 kgf.cm = 0.098 N.m)

商品說明 Product Description

特殊專利機構同款 20kgf.cm 電動起子，比業界其他品牌重量輕 30% 以上
Special patented mechanical structure, our product is 30% lighter in weight comparing with other brands of 20kgf.cm electrical screwdrivers in the market.



工業精密級無刷電動起子

Industrial Precise Brushless Electric Screwdrivers

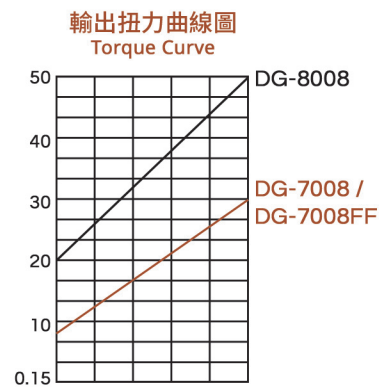
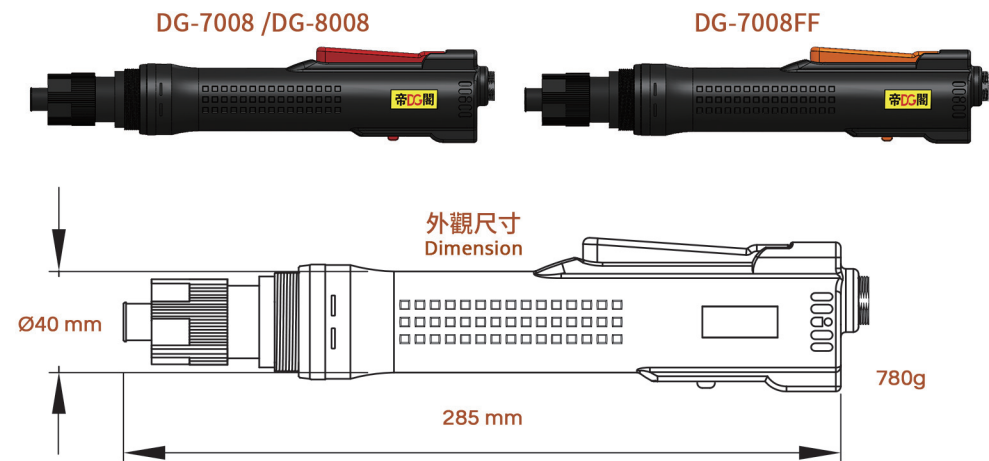
大型 Large Type



可訂製ESD外殼
ESD type is available
for ordering

- 專利特殊機構，整機從電控到機構完美搭配，扭力更精準、重量輕、溫升低，產品使用壽命更長。
- 無刷環保電機，免維護、高效率、溫升低，為無塵車間專用品，適用於：汽車配裝、家電類機加工等設備。
- 電子煞車機構，採用霍耳元件，煞車動作更靈敏，使用壽命更長。
- 體積輕巧，外觀握感極佳，減少員工疲乏度，增加產能及良率。
- 整機由臺灣製造、用臺灣精品、認真的態度、專業的團隊來服務全球客戶。
- PS. 若目錄中所列產品，不能符合您的需求，可依客戶新品開發，及製成改善性能參數

- Patented for its special mechanism, the perfect combination from electronic control, a more precise torque, lightweight, low temperature rise and longer service life.
- Brushless environmental motor, maintenance-free, high efficiency, low temperature rise, a product made for cleanrooms. Suitable for: automobile assembly, household appliance machining and other equipment.
- The electronic brake mechanism adopts the Hall element, which has more sensitive braking action and longer service life.
- Compact, lightweight, with good grip, which reduces employee fatigue and increases productivity and yield.
- The whole electric screwdriver is made in Taiwan, ensuring the highest quality to serve global customers.
- Note: If the products listed in the catalog do not meet your needs, we can develop new products for you with performance parameters that fit your needs.



大型 Large Type								
機種型號 Model No	適用電源供應器 Available Power Supply	輸入電壓 Input Voltage (DCV)	扭力範圍 Torque Range		無載轉速 No Load Speed (rpm) ±10%	適用起子頭 Available Bits Style	適用螺絲 Available Screw	
			(kgf.cm)	(N.m)			機械牙 Machine Screw	自攻牙 Tapping Screw
DG-7008	DGP-40	40	8~30	0.784~2.94	1000	SH $\frac{1}{4}$ "	3.0~5.0	3.0~4.5
DG-8008	DGP-40	40	20~50	1.96~4.9	1000	SH $\frac{1}{4}$ "	4.6~6.0	3.0~5.0
DG-7008FF	DGP-40	40	8~30	0.784~2.94	2000	SH $\frac{1}{4}$ "	3.0~5.0	3.0~4.5

商品說明 Product Description

新款機構設計，溫升低，使用壽命長。
New structure design, low temperature rise and long service life.

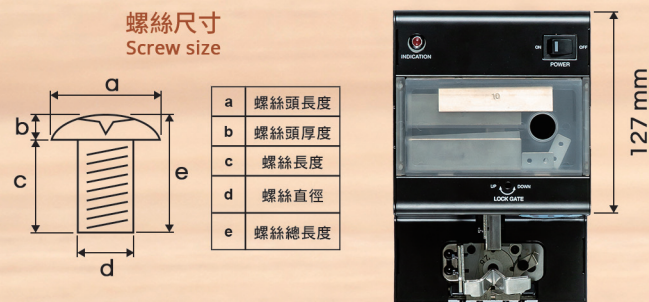
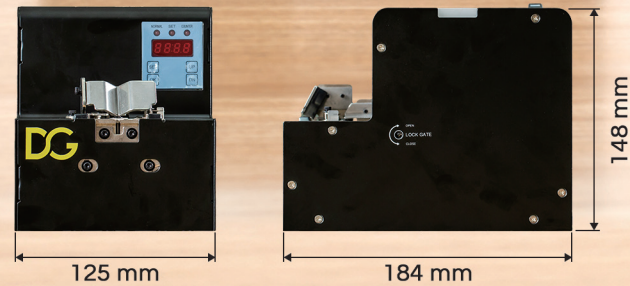


高精度轉盤式螺絲整列機

High Precision Turntable Screw Feeder Machine

DG-508 (標準型 Standard)

- 整機採用無刷式精密馬達，適合無塵車間使用。
Uses brushless motor, suitable for use in cleanrooms.
- 轉盤式圓盤採用分度盤原理，90度分割精準到位，將排好的螺絲分成單顆供給，消除螺絲重疊現象，從而實現穩定供料，不定的圓頭螺絲，帶墊片螺絲、薄頭螺絲均可順暢地取料。
The rotary disc adopts the principle of graduated disc, 90 degree segmentation means accurate positioning. The arranged screws are divided into single pieces to eliminate screw overlap, thus achieving stable feeding. Round head screws, gasket screws and thin head screws can be taken smoothly.
- 螺絲供給採用旋轉式分料比直線往返式，縮短了回原點時間，提高了螺絲的供給速度。
Supplied screws rotary disc than the linear reciprocating shorten the homing time, increasing the screw supply.
- 分料時，若有阻礙，會自動回原點，保證取料位置的準確性。
If there are any obstacles during the feeding process, it will automatically return to the original position to ensure the accuracy of the feeding position.
- 可針對每款螺絲，數位化控制調整馬達。
Can use digital control system to adjust motor for every screw type.



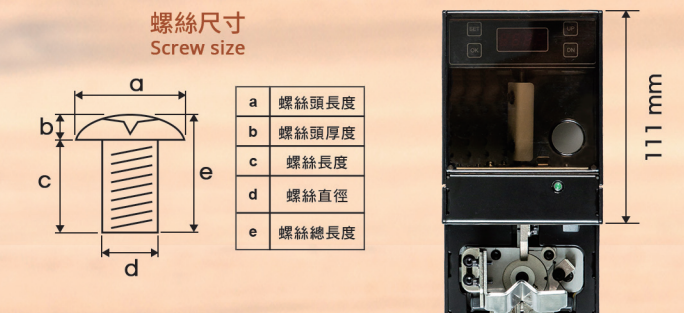
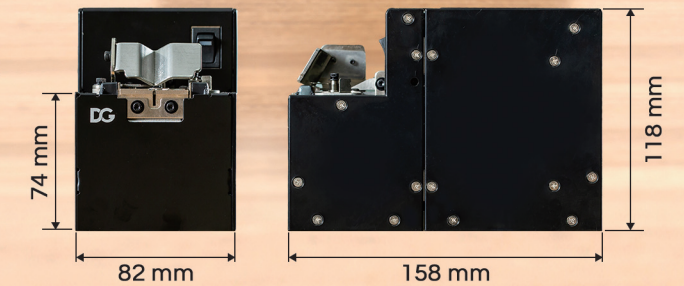
機型規格 Model Specifications			
機種型號 Model No	DG-508 (標準型 Standard)	輸入電壓 Input Voltage	110-240 ACV
螺絲牙徑 Diameter Of Screw	M1.0~4.0mm	輸出電壓 Output Voltage	12V / 1.5V
螺絲長度(最大) Length Of Screw (max)	13 mm (不含螺帽 without nuts)	外型尺寸 Dimension	184(L) x 125(w) x 148(H) mm
螺絲頭材質 Material Of Screw Head	適合所有材質的螺絲 Suitable for any material screw	產品重量 Weight	3.2kg
附帶配件 Accessories	電源適配器 AC Adapter		

高精度轉盤式迷你型螺絲整列機

High Precision Turntable Miniature Screw Feeder Machine

DG-808 (標準型 Standard)

- 整機外觀輕巧精美，採用無刷馬達。
Compact structure, uses brushless motor.
- 轉盤式圓盤採用分度盤原理，90度分割精準到位，將排好的螺絲分成單顆供給，消除螺絲重疊現象，從而實現穩定供料，不定的圓頭螺絲，帶墊片螺絲、薄頭螺絲均可順暢地取料。
The rotary disc adopts the principle of graduated disc, 90 degree segmentation means accurate positioning. The arranged screws are divided into single pieces to eliminate screw overlap, thus achieving stable feeding. Round head screws, gasket screws and thin head screws can be taken smoothly.
- 螺絲供給採用旋轉式分料比直線往返式，縮短了回原點時間，提高了螺絲的供給速度。
Supplied screws rotary disc than the linear reciprocating shorten the homing time, increasing the screw supply.
- 分料時，若有阻礙，會自動回原點，保證取料位置的準確性。
If there are any obstacles during the feeding process, it will automatically return to the original position to ensure the accuracy of the feeding position.
- 取螺絲口，無震動，實取螺絲穩定且快速。
Extract screws with no vibration, stable and fast pick up of screws.



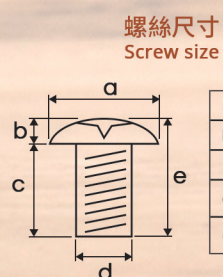
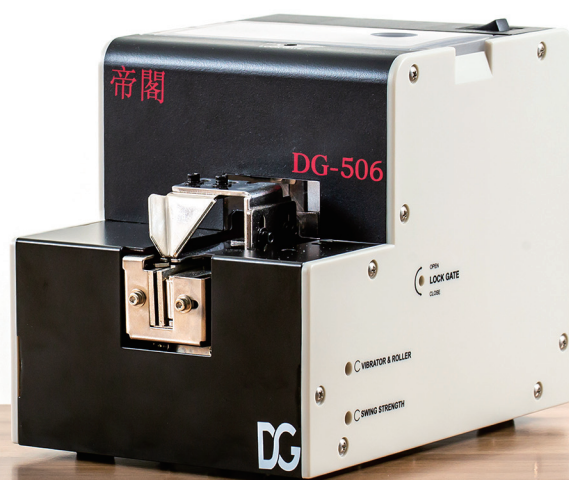
機型規格 Model Specifications			
機種型號 Model No	DG-808 (標準型 Standard)	輸入電壓 Input Voltage	110-240 ACV
螺絲牙徑 Diameter Of Screw	0.8、1.0、1.2、1.4、1.6、2.0mm	輸出電壓 Output Voltage	12V
螺絲長度(最大) Length Of Screw (max)	5 mm (不含螺帽 without nuts)	外型尺寸 Dimension	158(L) x 82(w) x 118(H) mm
螺絲頭材質 Material Of Screw Head	鐵或磁鐵所吸引的材質 Iron or the material which can be attracted by the magnet	產品重量 Weight	1.52kg
附帶配件 Accessories	電源適配器 AC Adapter		

標準型螺絲整列機

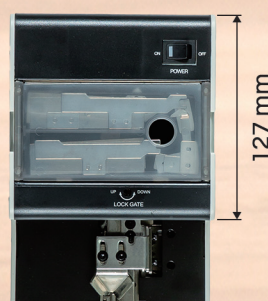
Standard Screw Feeder Machine

DG-506

- 本機適用多種螺絲規格(M1.0~M5.0)。
Applicable to multiple screws specifications from M1.0~M5.0 .
- 根據螺絲尺寸(如尺寸確認圖)便可簡易快速的調整滑軌寬度；對應各種規格類螺絲，本機配有專業的螺絲壓板及後端規格片，簡單易懂、方便操作，即使是新手也能馬上學會操作方法。
Easy to adjust the track ; equip professional screw plate and plate and back up plate ; Easy to operate , even a student can master operation method immediately . Easily adjust the rail width according to the screw size (according to size confirmation map). The machine is equipped with professional screw pressure plate and rear end specification piece. Machine is easy to operate ; even novices can operate it right away.
- 比起傳統螺釘托盤，每個螺釘可以節省1.4秒的時間，生產效率提高4倍。
Compared to traditional screw tray, can save 1.4 seconds for each screw , productivity increased by 4 times.
- 上料轉盤卡料過載時，會自動反轉，保護機器不受損壞。
When the scooping chamber is overloaded, the driving motor will rotate in the counter direction to protect machine from damage .
- 電路板設有隔離保護裝置，防止異物及螺絲掉入電路板造成短路。
The circuit board is provided with an isolation protection device to prevent foreign matter and screws from falling into the circuit board and causing a short circuit.

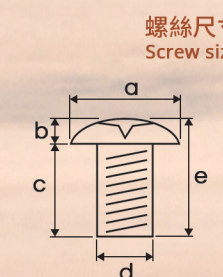
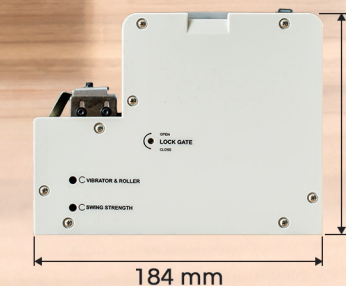
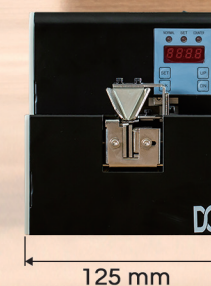
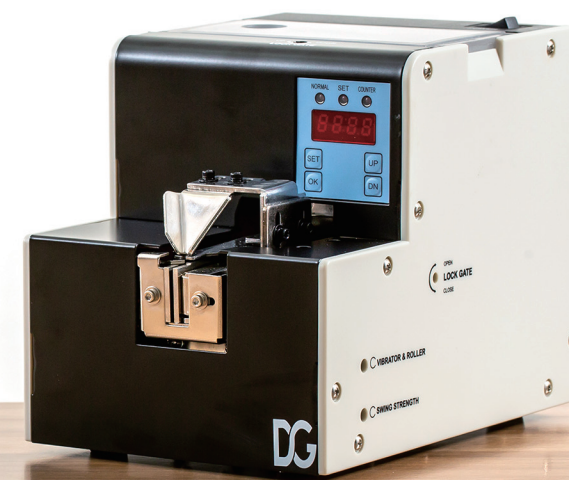


螺絲尺寸	Screw size
a	螺絲頭長度
b	螺絲頭厚度
c	螺絲長度
d	螺絲直徑
e	螺絲總長度

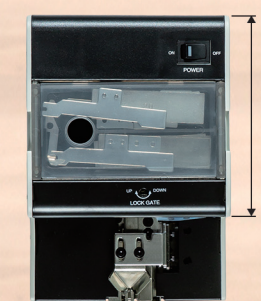


DG-506C

- 本機適用多種螺絲規格(M1.0~M5.0)。
Applicable to multiple screws specifications from M1.0~M5.0 .
- 根據螺絲尺寸(如尺寸確認圖)便可簡易快速的調整滑軌寬度；對應各種規格類螺絲，本機配有專業的螺絲壓板及後端規格片，簡單易懂、方便操作，即使是新手也能馬上學會操作方法。
Easy to adjust the track ; equip professional screw plate and plate and back up plate ; Easy to operate , even a student can master operation method immediately . Easily adjust the rail width according to the screw size (according to size confirmation map). The machine is equipped with professional screw pressure plate and rear end specification piece. Machine is easy to operate ; even novices can operate it right away.
- 比起傳統螺釘托盤，每個螺釘可以節省1.4秒的時間，生產效率提高4倍。
Compared to traditional screw tray, can save 1.4 seconds for each screw , productivity increased by 4 times.
- 上料轉盤卡料過載時，會自動反轉，保護機器不受損壞。
When the scooping chamber is overloaded, the driving motor will rotate in the counter direction to protect machine from damage .
- 電路板設有隔離保護裝置，防止異物及螺絲掉入電路板造成短路。
The circuit board is provided with an isolation protection device to prevent foreign matter and screws from falling into the circuit board and causing a short circuit.
- 螺絲計數功能，設至單一產品共享螺絲數量，循環往復，計數方式可累加或迅減。
Screw counting function, set to the number of screws shared by a single product, repeating cycle, counting method can be accumulated or reduced.



螺絲尺寸	Screw size
a	螺絲頭長度
b	螺絲頭厚度
c	螺絲長度
d	螺絲直徑
e	螺絲總長度



機型規格 Model Specifications			
機種型號 Model No	DG-506	輸入電壓 Input Voltage	110/220 ACV
螺絲牙徑 Diameter Of Screw	M1.0~5.0mm	輸出電壓 Output Voltage	12V
螺絲長度(最大) Length Of Screw (max)	20 mm (不含螺帽 without nuts)	外型尺寸 Dimension	184(L) x 125(w) x148(H) mm
螺絲頭材質 Material Of Screw Head	鐵或磁鐵所吸引的材質 Iron or the material which can be attracted by the magnet	產品重量 Weight	2.17kg
附帶配件 Accessories	電源適配器 AC Adapter		

機型規格 Model Specifications			
機種型號 Model No	DG-506C	輸入電壓 Input Voltage	110/220 ACV
螺絲牙徑 Diameter Of Screw	M1.0~5.0mm	輸出電壓 Output Voltage	12V
螺絲長度(最大) Length Of Screw (max)	20 mm (不含螺帽 without nuts)	外型尺寸 Dimension	184(L) x 125(w) x148(H) mm
螺絲頭材質 Material Of Screw Head	鐵或磁鐵所吸引的材質 Iron or the material which can be attracted by the magnet	產品重量 Weight	2.17kg
附帶配件 Accessories	電源適配器 AC Adapter		

工業級電源供應器 Industrial Power Supply



手動 Manual	機種型號 Model No	工作電壓 Operating Voltage	輸出電壓 Output Voltage
	DGP-30	100~240V	20~30V
	外型尺寸 Dimension	重量 Weight	負載電流 Load Current
	152 x 60 x 35 mm	210g	2.0A
	輸出調整 Adjust The Output	輸出端子 Output Pin	附帶配件 Accessories
無段式 Stepless	5 Pin	5P電源線、AC電源線 5P Cable、AC Cable	

自動化 Automation	機種型號 Model No	工作電壓 Operating Voltage	輸出電壓 Output Voltage
	DGP-30T /30T1 /30T2	100~240V	20~30V
	外型尺寸 Dimension	重量 Weight	負載電流 Load Current
	152 x 60 x 35 mm	240g	2.0A
	輸出調整 Adjust The Output	輸出端子 Output Pin	附帶配件 Accessories
無段式 Stepless	5 Pin	5P電源線、AC電源線 5P Cable、AC Cable	

產品說明 Product Information

DGP-30T 自動化 Automation

Pin1 為正反轉公共端。
Pin1 is rotation common port.

Pin1 (負極)與Pin2 (正極)
連結啟動正轉。
Connection Pin1(-) and Pin2(+) will be starting forward turning.

Pin3 (負極)與 Pin4 (正極)
當設定扭力到達時，
將導通並輸出剎車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.

DGP-30T1 自動化 Automation

Pin1 為正反轉公共端。
Pin1 is rotation common port.

Pin1 (負極)與Pin2 (正極)
連結啟動正轉。
Connection Pin1(-) and Pin2(+) will be starting forward turning.

Pin1 (負極)與Pin5 (正極)
連結啟動反轉。
Press the forward button, the Pin1(-) and Pin5(+) will output the forward start signals.

Pin3 (負極)與 Pin4 (正極)
當設定扭力到達時，
將導通並輸出剎車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.

DGP-30T2 自動化 Automation

Pin1 為正反轉公共端。
Pin1 is rotation common port.

Pin1 (負極)與Pin2 (正極)
連結啟動正轉。
Connection Pin1(-) and Pin2(+) will be starting forward turning.

Pin5 (負極)與Pin6 (正極)
正轉啟動時，將導通並
輸出啟動信號。
Press the forward button, the Pin5(-) and Pin6(+) will output the forward start signals.

Pin3 (負極)與 Pin4 (正極)
當設定扭力到達時，
將導通並輸出剎車信號。
When reaching the preset torque value, the Pin3(-) and Pin4(+) will output the brake signals.



工業精密級(自動化專用)電動起子(小型)+彎90度接頭
Industrial Precision Brushless Electric Screwdrivers (For Automation Equipment) (Small Type) +The Right Rngle Drive Kits



彎90度接頭
Right Angle Drive Kits



起子架
Electric Screwdriver Tool Holsters



AC線
AC Power Cord



DC線
Electric Screwdriver Power Cords



磁環 Ø4
Bit Magnetizer Ring Ø4



磁環 Ø5
Bit Magnetizer Ring Ø5



迷你型固定座
Double Flange Mounting Plate For Mini Type



小型固定座
Double Flange Mounting Plate For Small Type



彈簧吊車
Spring Balancer



迷你型扭力護套
Torque Adjustment Cover For Mini Type



小型扭力護套
Torque Adjustment Cover For Small Type



迷你型氣吸組件
Vacuum Pick-Up Adapter Kits For Mini Type



小型氣吸組件
Vacuum Pick-Up Adapter Kits For Small Type

工業級精密級扭力測試儀

Industrial Precision Torque Tester



01 扭力測試範圍大，精密度高。
Large test range for torque high precision.

02 LED 液晶顯示屏，按鍵簡單，操作通俗易懂。
LED liquid crystal display, simple buttons, ease to operate.

03 順時針逆時針方向，鬆緊扭力皆可，不必更換測試頭，附有可直接測試的扭力傳導器，扭力值顯示自動化教學。
Tests clockwise and counterclockwise, elastic torque, no need to change the testing head, torque transmitters are available for direct testing, torque values are automatically displayed.

04 扭力單位 kgf.cm / N.m 二種以及測量模式 PEAK / TRAK / F. PEAK 三種模式可選，方便選擇數值輸出方式。
Torque unit Kgf.cm / N.m and measurement mode PEAK / TRAK / F. PEAK three modes are optional to facilitate the selection of numerical output mode.

05 可計算扭力的最大值和平均值，扭力值顯示自動歸零。
The maximum and average values of torque can be calculated and the torque value shows automatic return to zero.

06 內置輸出端子可連計算器，從事扭力記錄、編輯、計算，可與外部處理控制系統相連。
Built in output terminals can be connected to computers for torque recording, editing and calculation can be connected to external control systems.

07 手提充電式設計，體積小、重量輕、方便攜帶使用。
Portable charging design, small size, lightweight, ease to carry and use.

08 注意事項：連續衝擊式半自動、氣動工具，請勿測試；不能測試超過扭力測試儀最大扭力測試範圍。
Important: Semi-automatic, impact pneumatic screwdriver cannot be tested; the maximum torque of the torque tester cannot be tested.

產品規格

Product Specifications

A

機種型號 Model No		DGP-10	DGP-50	DGP-100	DGP-300
測定範圍 Testing Range	kgf.cm	0.15~10	0.75~50	1.5~100	4.5~300
	N.m	0.015~1.00	0.075~5	0.15~10	0.45~30

B

測定範圍 Set Testing Range	PEAK	峰值模式，當扭力達到峰值時鎖定顯示 (按重啟鍵取消) PEAK MODE, lock display when the torque reaches the peak (press restart button to cancel).
	TRACK	變值模式，顯示當前扭力值變化 TRACK MODE, display current torque value change.
	F. PEAK	初次峰值模式，當扭力達到最初峰值時鎖定顯示 F. PEAK MODE, lock the numerical display when the torque reaches the first peak.
測定方向 Set Direction	順時、逆時方向，鬆緊扭力皆可測試 Test clockwise, counterclockwise and elastic torque.	

C

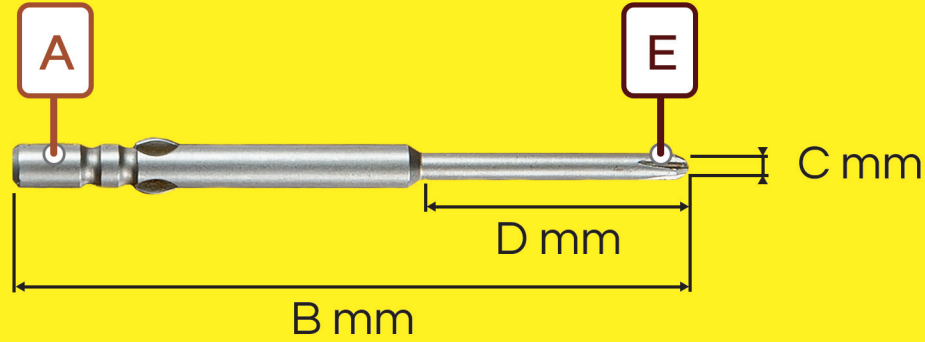
扭力精度 Torque Precision	在 1% 範圍內 Within 1%
顯示 Display	LED 液晶顯示屏 LED LCD
外觀尺寸 Appearance Size	230 x 110 x 50mm
重量 Weight	1.8kg

D

電源 Power Source	5節1.2V鎳氫電池1000mA Five section NI MH battery 1000mA 1.2V		
充電時間 Charging Time	6小時 Six hours	充滿電 連續使用時間 Batter life	8小時 Eight hours
	電池壽命 Maximum Battery Life		
可充電300次 300 charges			
充電器 Charger	在100V~240V交流電源(50Hz或60Hz)下工作，輸出7.3V~8V直流電(0.5A) 100V~240V AC power supply(50Hz or 60Hz) and output 7.3V~8V DC(0.5A).		

起子頭規格

Screwdriver Bit Type

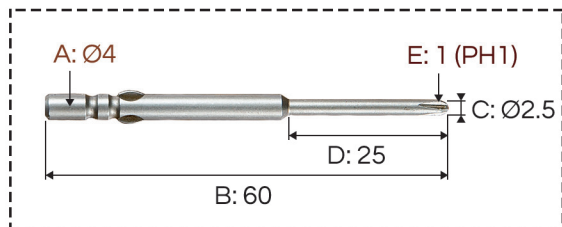


A Ø4 mm Ø5 mm 1/4"=6.35 mm		E 十字頭 Phillips Bits 星型頭 Torx Bits 凸六角頭 Internal Hex Bits

舉例說明 Description

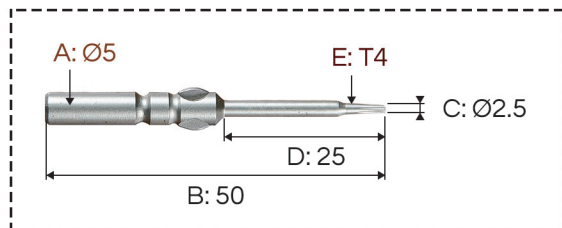
可為客戶搭配適合的起子頭
We can offer a Screwdriver Bits that meets customer specifications.

十字頭
Phillips Bits



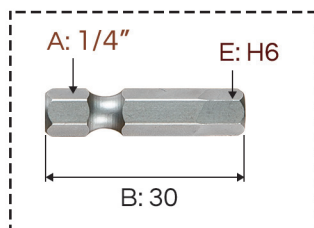
A X B X C X D X E
Ø4 X 60 X Ø2.5 X 25 X 1

星型頭
Torx Bits



A X B X C X D X E
Ø5 X 50 X Ø2.5 X 25 X T4

凸六角頭
Internal Hex Bits



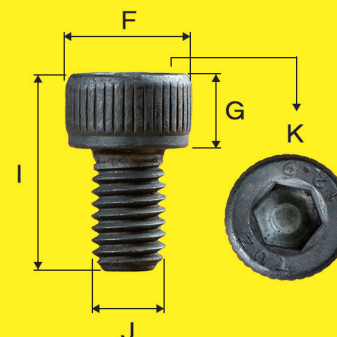
A X B X E
1/4" X 30 X H6

客戶電動螺絲刀選型記錄表

Customer electric screwdriver selection record

日期 Date	客戶名稱 Customer Name	客戶類型 Customer Type
連絡人 Contact Person	電話 Phone Number	地址 Address
客戶來源 Customer Source	行業 Industry	業務 Sales
生產產品名稱 Product Name	扭力 Torque	扭力精準度要求 Torque Precision Requirement
轉速要求 Speed Requirement	平均附鎖時間 Fastening Cycle Times	被鎖附物 Material Of Products
鎖附位置 Fastening Position	螺絲規格 Screw Specifications	螺絲牙與直徑 Screw Thread Diameter
附鎖的其他要求 Special Fastening Requirements	推薦電動螺絲刀規格 Recommended Electric Screwdriver Specification	

螺絲規格 Screw Specification



F. 螺帽尺寸
Screw Head Size

G. 螺帽厚度
Screw Head Thickness

I. 螺絲長度
Screw Length

J. 螺絲牙徑
Screw Thread Diameter

K. 螺絲種類 Screw Type

