

ASA 好幫手全自動小型電動起子 / 防靜電型

ASA Full-auto shut off low torque electric screwdrivers / ESD type

低壓直流馬達驅動型 (附電源控制器)

Low voltage DC motor driving (with controller)



可訂製ESD防靜電型

ESD type is available for ordering.



特點 Feature

- 符合創、遊、美、人、產品設計潮流，降低操作者的恐懼感。
- 符合女性握持之人因工學要求，提高操作舒適度，降低工作傷害。
- 區塊分離式設計，可做線上維修作業，減少停機待工時間。
- 符合EMC電磁相容標準設計。

- Design in creation, play, beauty, human conception to fit with world trend and be pleased to use.
- Design in ergonomics handle to reduce work fatigue and fit with feminine labor.
- Design in block assembly to easy maintains on line by user.
- Design in conformity EMC standards.

槓桿式 Lever start type · 快速式 High speed type (S)

機種名 Model No.	輸出扭力範圍 Torque range		適用電源控制器 Available controller	無載轉速(±10%) No Load Speed (rpm)	適用螺絲 Available screw	
	kgf-cm	lbf-in			機械牙徑 Machine screw ϕ	自攻牙徑 Tapping screw ϕ
ASA-2000 ASA-2000S	0.3 ~ 2.0	0.26 ~ 1.7	APS-351B AM-45	450-700 700-1000	1.0 ~ 2.2mm / 0.04 ~ 0.09in	1.0 ~ 2.0mm / 0.04 ~ 0.08in
ASA-3000 ASA-3000S	0.5 ~ 5.0	0.43 ~ 4.3	APS-351B AM-45	450-700 700-1000	1.0 ~ 2.6mm / 0.04 ~ 0.10in	1.0 ~ 2.3mm / 0.04 ~ 0.09in
ASA-4000 ASA-4000S	1.0 ~ 6.0	0.87 ~ 5.2	APS-351B AM-45	450-700 700-1000	1.4 ~ 2.6mm / 0.06 ~ 0.10in	1.4 ~ 2.3mm / 0.06 ~ 0.09in
ASA-4500 ASA-4500S	1.5 ~ 10.0	1.30 ~ 8.7	APS-351B AM-45	450-700 700-1000	2.0 ~ 3.0mm / 0.08 ~ 0.12in	2.0 ~ 2.6mm / 0.08 ~ 0.10in

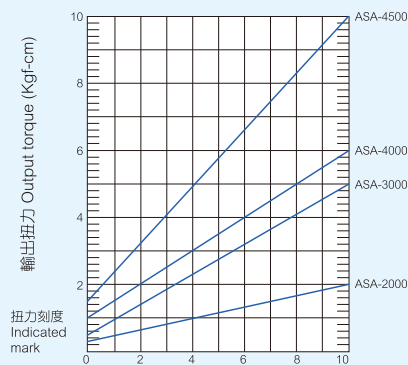
適用電源控制器 Available controller

外觀 Outline	機種名 Model No.	工作電壓(AC) Operating vol.	輸出電壓(DC) Output vol.	體積(mm) Dimension	重量(g) Weight	可操作起子數 Drivable	安規認可 Approval by
	APS-351B 軟式啟動 (Soft start)	100 ~ 240V	25 ~ 35V 可調式 (Adjustable)	164X64X42	300	1 screwdriver	CB,CE, UL(CUL), ROHS,REACH
	AM-45	100 ~ 240V	25 ~ 35V 可調式 (Adjustable)	172X84X61	450	1 screwdriver	CB,CE, UL(CUL), ROHS,REACH

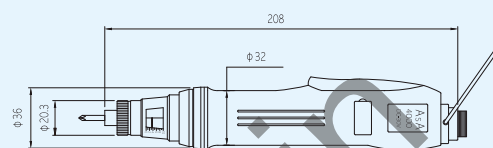
電動起子週邊設備 (選購品) Attachment of electric screwdriver (Optional)

外觀 Outline	名稱 Description	規格 Specification																		
	彎90°轉接頭 Right angle head	4A9121																		
	扭力護套 Torque cover	4H1089																		
	AT-1050 可調式螺絲整列機 AT-1050 Adjustable screw feeder	適用M1.0~M5.0mm螺絲 Available screw M1.0-M5.0mm																		
	多功能螺絲專利整理盒 Patented multifunction screw kit box	適用M1.0~M2.4mm螺絲 Available screw M1.0-M2.4mm																		
	彈吊車 Balancer 本產品可適用於無塵室，並通過SGS-10等級測試。 This product can be used in the clean room. It has passed SGS Clean room Class-10 test.	<table><tr><th rowspan="2">型號 Model</th><th colspan="2">載重 Load</th><th rowspan="2">伸縮長 Extend L.</th></tr><tr><th>kgs</th><th>lbs</th></tr><tr><td>SB-1.2</td><td>0.5-1.2</td><td>1.1-2.6</td><td>1.6 m</td></tr><tr><td>SB-2.0</td><td>1.0-2.0</td><td>2.2-4.4</td><td>1.6 m</td></tr><tr><td>SB-3.0</td><td>2.0-3.0</td><td>4.4-6.6</td><td>1.6 m</td></tr></table>	型號 Model	載重 Load		伸縮長 Extend L.	kgs	lbs	SB-1.2	0.5-1.2	1.1-2.6	1.6 m	SB-2.0	1.0-2.0	2.2-4.4	1.6 m	SB-3.0	2.0-3.0	4.4-6.6	1.6 m
型號 Model	載重 Load			伸縮長 Extend L.																
	kgs	lbs																		
SB-1.2	0.5-1.2	1.1-2.6	1.6 m																	
SB-2.0	1.0-2.0	2.2-4.4	1.6 m																	
SB-3.0	2.0-3.0	4.4-6.6	1.6 m																	
	磁環 MAG-O-NETS	<table><tr><th>編號 Parts NO.</th><th>內徑 ID</th><th>外徑 OD</th><th>厚度 Thick</th></tr><tr><td>AM 1/4</td><td>7 mm</td><td>17.5 mm</td><td>10 mm</td></tr><tr><td>AM 5</td><td>5 mm</td><td>17.5 mm</td><td>10 mm</td></tr><tr><td>AM 4</td><td>4 mm</td><td>17.5 mm</td><td>10 mm</td></tr></table>	編號 Parts NO.	內徑 ID	外徑 OD	厚度 Thick	AM 1/4	7 mm	17.5 mm	10 mm	AM 5	5 mm	17.5 mm	10 mm	AM 4	4 mm	17.5 mm	10 mm		
編號 Parts NO.	內徑 ID	外徑 OD	厚度 Thick																	
AM 1/4	7 mm	17.5 mm	10 mm																	
AM 5	5 mm	17.5 mm	10 mm																	
AM 4	4 mm	17.5 mm	10 mm																	

輸出扭力曲線表 Torque Curve



槓桿式 Lever start type



Unit : mm

ASA 好幫手全自動中型電動起子 / 防靜電型

ASA Full-auto shut off medium torque electric screwdrivers / ESD type

低壓直流馬達驅動型 (附電源控制器)

Low voltage DC motor driving (with controller)



可訂製ESD防靜電型

ESD type is available for ordering.



特點 Feature

- 符合人因工學及蛋形防滑設計，外形輕便。
- 低噪音，高效率。
- 高精準，大範圍扭力輸出。
- 扭力到達，離合器自動準確跳脫。

- Ergonomics and anti-slip egg-shaped design ensures operator comfort.
- Low noise high efficiency.
- High accuracy and wide large torque range.
- Excellent torque control-Ensure accuracy in fastening with precision designed automatic shut-off clutch.

槓桿式 Lever start type · 下壓式 Push to start type (PS)

機種名 Model No.	輸出扭力範圍 Torque range		適用電源控制器 Available controller	無載轉速(±10%) No Load Speed (rpm)	適用螺絲 Available screw	
	kgf-cm	lbf-in			機械牙徑 Machine screw ϕ	自攻牙徑 Tapping screw ϕ
ASA-6000	1.5 ~ 12.0	1.30 ~ 10.4	APM-301C AM-85	650-1150	2.0 ~ 3.0mm / 0.08 ~ 0.12in	2.0 ~ 2.6mm / 0.08 ~ 0.10in
ASA-6000(PS)	1.5 ~ 12.0	1.30 ~ 10.4	APM-301C AM-85	600-1000	2.0 ~ 3.0mm / 0.08 ~ 0.12in	2.0 ~ 2.6mm / 0.08 ~ 0.10in
ASA-6500	4.0 ~ 20.0	3.5 ~ 17.4	APM-301C AM-85	550-850	2.6 ~ 4.0mm / 0.10 ~ 0.16in	2.3 ~ 3.5mm / 0.09 ~ 0.14in
ASA-6500(PS)	4.0 ~ 20.0	3.5 ~ 17.4	APM-301C AM-85	550-850	2.6 ~ 4.0mm / 0.10 ~ 0.16in	2.3 ~ 3.5mm / 0.09 ~ 0.14in
ASA-6800	5.0 ~ 25.0	4.3 ~ 21.7	APM-301C AM-85	450-700	3.0 ~ 5.0mm / 0.12 ~ 0.20in	2.6 ~ 4.0mm / 0.10 ~ 0.16in
ASA-6800(PS)	5.0 ~ 25.0	4.3 ~ 21.7	APM-301C AM-85	450-700	3.0 ~ 5.0mm / 0.12 ~ 0.20in	2.6 ~ 4.0mm / 0.10 ~ 0.16in

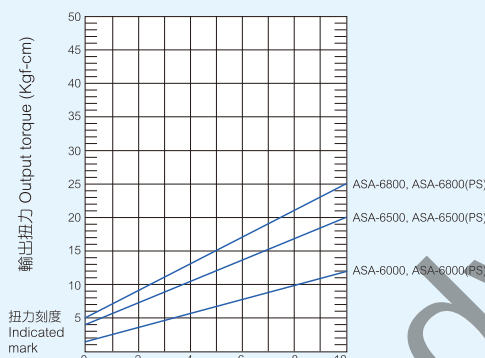
適用電源控制器 Available controller

外觀 Outline	機種名 Model No.	工作電壓(AC) Operating vol.	輸出電壓(DC) Output vol.	體積(mm) Dimension	重量(g) Weight	可操作起子數 Drivable	安規認可 Approval by
	APM-301C	100 ~ 240V	20 ~ 30V 可調式 (Adjustable)	172X84X46	380	1 screwdriver	CB,CE, UL(CUL), ROHS,REACH
	AM-85	100 ~ 240V	20 ~ 30V 可調式 (Adjustable)	172X84X61	450	1 screwdriver	CB,CE, UL(CUL), ROHS,REACH

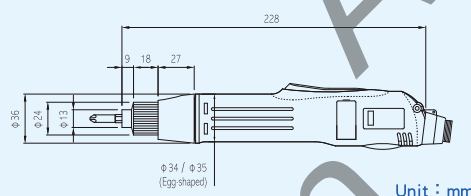
電動起子週邊設備 (選購品) Attachment of electric screwdriver (Optional)

外觀 Outline	名稱 Description	規格 Specification																				
	彎90°轉接頭 Right angle head	4A9123 (槓桿式系列適用 lever start type series available)																				
	扭力護套 Torque cover	4H2053 (槓桿式系列適用 lever start series available) 6H1047 (下壓式系列適用 Push to start series available)																				
	AT-1050 可調式螺絲整列機 AT-1050 Adjustable screw feeder	適用M1.0~M5.0mm螺絲 Available screw M1.0-M5.0mm																				
	彈吊車 Balancer 本產品可適用於無塵室， 並通過SGS-10等級測試。 This product can be used in the clean room. It has passed SGS Clean room Class-10 test.	<table><tr><th>型號 Model</th><th colspan="2">載重 Load</th><th>伸縮長 Extend L.</th></tr><tr><th></th><th>kgs</th><th>lbs</th><th></th></tr><tr><td>SB-1.2</td><td>0.5-1.2</td><td>1.1-2.6</td><td>1.6 m</td></tr><tr><td>SB-2.0</td><td>1.0-2.0</td><td>2.2-4.4</td><td>1.6 m</td></tr><tr><td>SB-3.0</td><td>2.0-3.0</td><td>4.4-6.6</td><td>1.6 m</td></tr></table>	型號 Model	載重 Load		伸縮長 Extend L.		kgs	lbs		SB-1.2	0.5-1.2	1.1-2.6	1.6 m	SB-2.0	1.0-2.0	2.2-4.4	1.6 m	SB-3.0	2.0-3.0	4.4-6.6	1.6 m
型號 Model	載重 Load		伸縮長 Extend L.																			
	kgs	lbs																				
SB-1.2	0.5-1.2	1.1-2.6	1.6 m																			
SB-2.0	1.0-2.0	2.2-4.4	1.6 m																			
SB-3.0	2.0-3.0	4.4-6.6	1.6 m																			
	磁環 MAG-O-NETS	<table><tr><th>編號 Parts NO.</th><th>內徑 ID</th><th>外徑 OD</th><th>厚度 Thick</th></tr><tr><td>AM 1/4</td><td>7 mm</td><td>17.5 mm</td><td>10 mm</td></tr><tr><td>AM 5</td><td>5 mm</td><td>17.5 mm</td><td>10 mm</td></tr><tr><td>AM 4</td><td>4 mm</td><td>17.5 mm</td><td>10 mm</td></tr></table>	編號 Parts NO.	內徑 ID	外徑 OD	厚度 Thick	AM 1/4	7 mm	17.5 mm	10 mm	AM 5	5 mm	17.5 mm	10 mm	AM 4	4 mm	17.5 mm	10 mm				
編號 Parts NO.	內徑 ID	外徑 OD	厚度 Thick																			
AM 1/4	7 mm	17.5 mm	10 mm																			
AM 5	5 mm	17.5 mm	10 mm																			
AM 4	4 mm	17.5 mm	10 mm																			

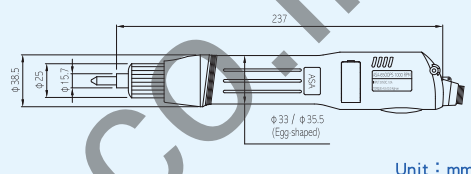
輸出扭力曲線表 Torque Curve



槓桿式 Lever start type



下壓式 Push to start type (PS)



工作電壓 Power Source	30VDC
扭力精度 Torque Accuracy	極精準 High precision
扭力調整 Torque Setting	無段式 Stepless
重量 Weight	490g / 1.1lb 535g / 1.18lb(PS)
長度 Length	228mm / 9.0in 237mm / 9.3in(PS)
握持直徑 Grip diameter	34mm / 1.34in 33mm / 1.3in(PS)
適用起子頭 (選購品) Available bit size (optional)	$\phi 5$, 6.35(1/4") 六角對邊 hex shank

ASA 好幫手全自動大型電動起子 / 防靜電型

ASA Full-auto shut off high torque electric screwdrivers / ESD type

低壓直流馬達驅動型 (附電源控制器)

Low voltage DC motor driving (with controller)



可訂製ESD防靜電型

ESD type is available for ordering.



特點 Feature

- 高精準，廣範圍大扭力輸出。
- 低壓直流馬達驅動，安全又舒適。
- 外部碳刷，更換容易。
- 區塊分離式設計，可做線上維修作業，減少停機待工時間。
- 符合EMC電磁相容標準設計。
- High accuracy and wide large torque range.
- Low DC voltage motor enable safe and smooth operation.
- Easy carbon brush replacement.
- Design in block assembly to easy maintains on line by user.
- Design in conformity EMC standards.

槓桿式 Lever start type · 下壓式 Push to start type (PS)

機種名 Model No.	輸出扭力範圍 Torque range		適用電源控制器 Available controller	無載轉速(±10%) No Load Speed (rpm)	適用螺絲 Available screw	
	kgf-cm	lbf-in			機械牙徑 Machine screw ϕ	自攻牙徑 Tapping screw ϕ
ASA-7000	7.0 ~ 20.0	6.1 ~ 17.4	APM-301B AM-65	400-700	3.0 ~ 4.0mm / 0.12 ~ 0.16in	2.6 ~ 3.5mm / 0.10 ~ 0.14in
ASA-7000(PS)	7.0 ~ 20.0	6.1 ~ 17.4	APM-301B AM-65	400-700	3.0 ~ 4.0mm / 0.12 ~ 0.16in	2.6 ~ 3.5mm / 0.10 ~ 0.14in
ASA-7500	7.0 ~ 30.0	6.1 ~ 26.0	APM-301C AM-85	500-1000	3.0 ~ 5.0mm / 0.12 ~ 0.20in	2.6 ~ 4.0mm / 0.10 ~ 0.16in
ASA-7500(PS)	7.0 ~ 30.0	6.1 ~ 26.0	APM-301C AM-85	500-1000	3.0 ~ 5.0mm / 0.12 ~ 0.20in	2.6 ~ 4.0mm / 0.10 ~ 0.16in
ASA-8000	12.0 ~ 30.0	10.4 ~ 26.0	APM-301B AM-65	350-550	3.5 ~ 5.0mm / 0.14 ~ 0.20in	3.0 ~ 4.0mm / 0.12 ~ 0.16in
ASA-8000(PS)	12.0 ~ 30.0	10.4 ~ 26.0	APM-301B AM-65	350-550	3.5 ~ 5.0mm / 0.14 ~ 0.20in	3.0 ~ 4.0mm / 0.12 ~ 0.16in
ASA-8500	12.0 ~ 40.0	10.4 ~ 34.7	APL-301B	650-750	3.5 ~ 5.5mm / 0.14 ~ 0.22in	3.0 ~ 4.5mm / 0.12 ~ 0.18in
ASA-8500(PS)	12.0 ~ 40.0	10.4 ~ 34.7	APL-301B	650-750	3.5 ~ 5.5mm / 0.14 ~ 0.22in	3.0 ~ 4.5mm / 0.12 ~ 0.18in
ASA-9000	20.0 ~ 50.0	17.3 ~ 43.4	APL-301B	450-550	4.0 ~ 6.0mm / 0.16 ~ 0.24in	3.5 ~ 5.0mm / 0.14 ~ 0.20in
ASA-9000(PS)	20.0 ~ 50.0	17.3 ~ 43.4	APL-301B	450-550	4.0 ~ 6.0mm / 0.16 ~ 0.24in	3.5 ~ 5.0mm / 0.14 ~ 0.20in

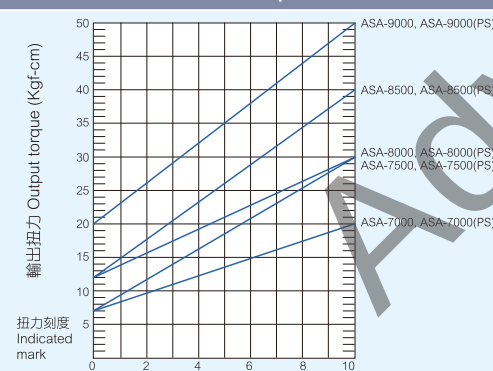
適用電源控制器 Available controller

外觀 Outline	機種名 Model No.	工作電壓(AC) Operating vol.	輸出電壓(DC) Output vol.	體積(mm) Dimension	重量(g) Weight	可操作起子數 Drivable	安規認可 Approval by
	APM-301B	100 ~ 240V	20 ~ 30V 可調式 (Adjustable)	172X84X46	380	1 screwdriver	CB,CE, UL(CUL), ROHS,REACH
	APM-301C	100 ~ 240V	20 ~ 30V 可調式 (Adjustable)	172X84X46	380	1 screwdriver	CB,CE, UL(CUL), ROHS,REACH
	AM-65	100 ~ 240V	20 ~ 30V 可調式 (Adjustable)	172X84X61	450	1 screwdriver	CB,CE, UL(CUL), ROHS,REACH
	AM-85	100 ~ 240V	20 ~ 30V 可調式 (Adjustable)	172X84X61	450	1 screwdriver	CB,CE, UL(CUL), ROHS,REACH
	APL-301B	100 ~ 240V	25 ~ 30V 可調式 (Adjustable)	270X130X66	1100	1 screwdriver	CB,CE, UL(CUL), ROHS,REACH

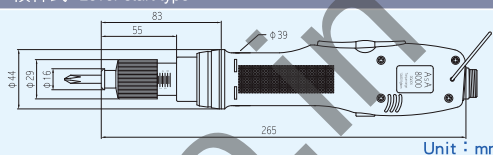
電動起子週邊設備 (選購品) Attachment of electric screwdriver (Optional)

外觀 Outline	名稱 Description	規格 Specification
	彎90°轉接頭 Right angle head	4A9122 (槓桿式系列適用 lever start type series available)
	扭力護套 Torque cover	4H2052 4H2055 (ASA-8500PS / 9000PS)
	槍型握把 Gun type-grip	4A9311

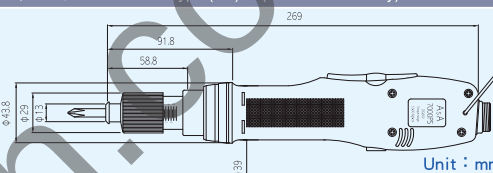
輸出扭力曲線表 Torque Curve



槓桿式 Lever start type



下壓式 Push to start type (PS) (ASA-8500PS only)



彈吊車 Balancer 本產品可適用於無塵室， 並通過SGS-10等級測試。 This product can be used in the clean room. It has passed SGS Clean room Class-10 test.	型號 Model	載重 Load		伸縮長 Extend L.
		kgs	lbs	
	SB-1.2	0.5-1.2	1.1-2.6	1.6 m
	SB-2.0	1.0-2.0	2.2-4.4	1.6 m
	SB-3.0	2.0-3.0	4.4-6.6	1.6 m

工作電壓 Power Source	30VDC
扭力精度 Torque Accuracy	極精準 High precision
扭力調整 Torque Setting	無段式 Stepless
重量 Weight	670g / 1.47lb 740g / 1.6lb(PS)
長度 Length	265mm / 10.4in 269mm / 10.6in(PS)
握持直徑 Grip diameter	39mm / 1.54in
適用起子頭 (選購品)	ϕ 5, 5.0mm 六角對邊 hex shank
Available bit size (optional)	6.35(1/4") 六角對邊 hex shank