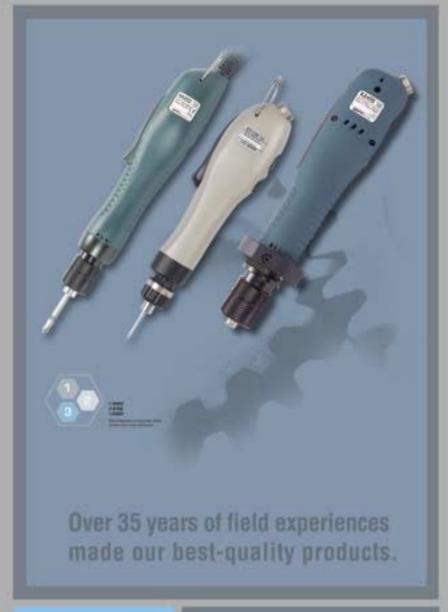


SEHAN

ELECTRIC SCREWDRIVER





B-508-1 BUNDANG TECHNO PARK, SEONGNAM-SI KYONGGI-DO, KOREA (463-760) TEL : 82-31-701-9855 FAX : 82-31-701-9853

http://www.sehan.co.kr

B-508-1 BUNDANG TECHNO PARK, SEONGNAM-SI, KYONGGI-DO, KOREA (463-760) Tel: 82-31-701-9855 Fax: 82-31-701-9853 http://www.sehan.co.kr

Best combination of ergonomic design and precise power mechanism

TORQUE RANGE OF EACH MODEL

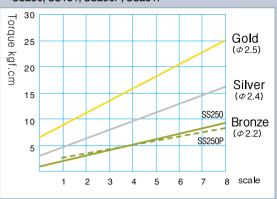
			MODEL							TOR	QUE I	RANGE	(Kgf.	cm)			
		AC220V	AC110V	RPM	5	5	10	12	15	18	3 20		25	30	35	40	45
AC Direct PLUG IN		SS180	SS181	1000													
	LEVER	SS250	S251	620													
		M300	M301	1000													
LUG	DUOL	SS180P	SS181P	1000													
Z	PUSH	SS250P	SS251P	620													
	LEVER	EF1	50	1000													
	LEVEN	EF1	80	650													
		K1	50	2300													
DC	LEVER	K2	50	1050													
C 20		КЗ	50	750													
		K4	50	550													
38V with Controller	PUSH	K150P		2300													
h Cc		K25	50P	1050													
ontro	FUSIT	K35	50P	750													
ller		K45	50P	550													
ET30D,		KA1	150	2300													
	AUTO	KA2	250	1050													
KT38D	DIRECT	KAS	350	750													
		KAZ	150	550													
		KA1	50P	2300													
	AUTO	KA2	50P	1050													
	PUSH	KA3	50P	750													
		KA4	50P	550													

TORQUE CURVE

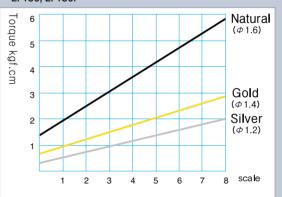
■ SS180, SS181, SS180P, SS181P



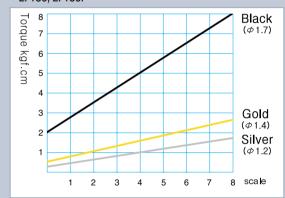
■ SS250, SS151, SS250P, SS251P



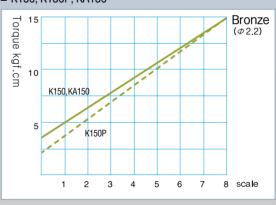
■ EF150. EF150P



■ EF180, EF180P



■ K150, K150P, KA150



■ K250, K250P, KA250



■ K350, K350P, KA350

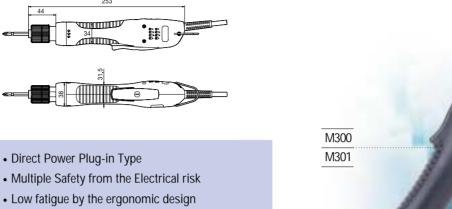


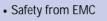
■ K450, K450P, KA450



SS180 SS250







- ESD free by Bit ground
- Torque accuracy ±3%
- Variable type of the bit socket





- Direct Power Plug-in Type
- Multiple Safety from the Electrical risk
- Low fatigue by the ergonomic design
- Safety from EMC
- ESD free by Bit ground
- Torque accuracy $\pm 5\%$
- Variable type of the bit socket
- Safety mark



M

EF

KA

1 SS250 SS180P

Model: SS180-A (Type of Bit Socket)

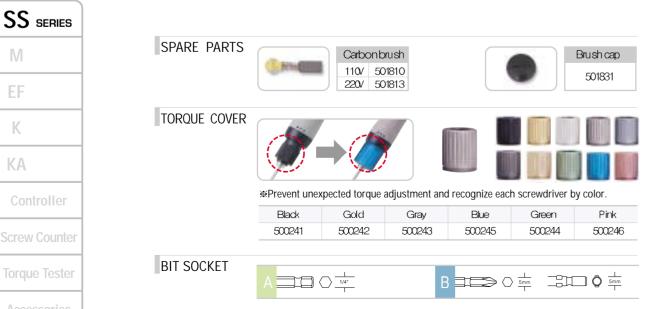
SS180	SS181	M1.4~M4	LEVED	1.0~18	1,000		
SS250	SS251	M1.7~M5	LEVER	1.5~25	630	0.50	A
SS180P	SS181P	M1.4~M4		2.5~18	1,000	0.56	В
SS250P	SS251P	M1.7~M5	PUSH	2.5~25	630		

• Standard packing - Screwdriver, Carbon brush, Bit(2), manual.

SS180P

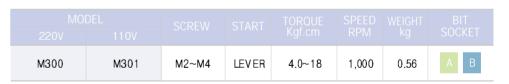
SS250P

• Please add suffix A or B for the type of Bit.



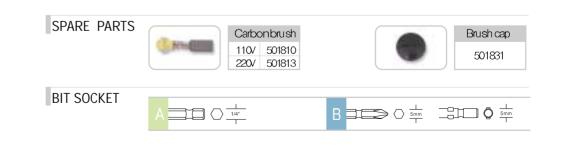


M300 M300P



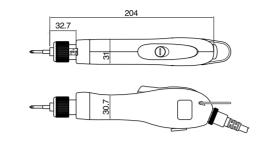
Model: M300-A Type of Bit Socket)

- Standard packing Screwdriver, Carbon brush, Bit(2), manual.
- Please add suffix A or B for the type of Bit.









- Full ergonomic design
- Light weight and small size
- Powered with Safety Low voltage
- ESD free by body grounding
- · Separated power controller
- Torque accuracy ±3%
- International connector for power cord
- Speed control (HI / LOW)
- Turn over switch by Push or Slide
- Lever start



SS

M

K

KA

EF SERIES

Controller

Screw Counter

Torque Tester

Accessories

3

** EF150 | EF150P | EF150-ESD

Model: EF150-A ESD (1/4" Hex bit socket) ESD free grip

IVIODEL								
EF150	M1.3~M2.6	LEV ER	0.3~5.5	700	1,000			
EF150P	M1.7~M2.6	LEV ER	1~8	440	630	0.01	ET 30D	A -
EF180	M1.3~M2.6	PUSH	0.3~5.5	700	1,000	0.31	ET-30D	AE
EF180P	M1.7~M2.6	PUSH	1~8	440	630			

- Standard SET packing Screwdriver, ET-30D, Power cable, Bit(2), manual.
- Please add suffix A or E for the type of Bit socket.

ESD FREE DRIVER

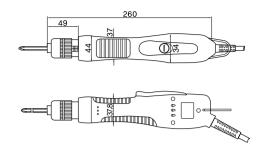
- Order with suffix ESD together with the model name for ESD free screwdriver by the conductive material of body.
- Surface Resistance : below 10⁴ Ω.

SPARE PARTS			STANDARD CONTRO	OLLER	
18		Cable(5P)	OI		ET-30D
- 4		510550			130120
		Carbonbrush 510650			Brush cap 510660
BIT SOCKET	A 1/4*	E		□ 0 :	



SERIES





AUTO SHUT OFF

- Full ergonomic design
- High torque range
- Powered with Safety Low voltage
- ESD free by body grounding
- Separated power controller
- Torque accuracy ±3%
- International connector for power cord
- Speed control (HI / LOW)
- Turn over switch by Push or Slide
- · Anti-slip coating grip



K250 K350-ESD K350P

K150F M2.6~M3 1.700 3~15 2,300 M2.6~M4 630 1,050 2~25 K250 **LEVER** K350 M2.6~M5 460 750 2~35 M2.6~M6 330 550 K450 3~45 KT-38D 0.6 2.300 K150FP M2.6~M3 2~15 1,700 630 1,050 K250P M2.6~M4 2~25 K350P M2.6~M5 2~35 460 750 330 550 K450P M2.6~M6 3~45



- Standard SET packing Screwdriver, KT-38D, Cable(5p), Bit(2), manual.
- Please add suffix A or B to the model for the type of Bit socket.

ESD FREE DRIVER

- Order with suffix ESD together with the model name for ESD free screwdriver by the conductive material of body.
- Surface Resistance : below 10⁴ Ω



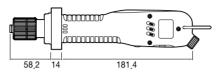












- High torque range
- Powered with Safety Low voltage
- Separated power controller
- Torque accuracy ±3%
- International connector for power cord
- Speed control (HI / LOW)
- Forward/Reverse direction by switch

KT-38D Ver.2.1FA

130157

• Start / Stop output signals

CONTROLLER

1 ET-30D | KT-38D

KT-38D

130156

DC Controller







■ POWER CODE



- SMPS Power supply and driver control
- · Compact size and light weight
- High torque accuracy by fast response
- Maintenance free

EF150, EF150P

K250, K350, K450

EF150, EF150P

- Over heat, Over current protection (KT-38D)
- 110~220V Free volt (ET-30D)



***** KA450

Model: KA150-A (Type of Bit Socket)

SS

M

EF

KA SERIES

Controller

Screw Counter

Torque Tester

Accessories

WODLL								
KA150	M2.6~M3	M2.6~M3 3~15 1,700 2,300						
KA250	M2.6~M4	DIDECT	2~25	630	1,050		KT-38D	АВ
KA350	M2.6~M5	DIRECT	2~35	460	750	0.6		
KA450	M2.6~M6		3~45	330	550			
KA150P	M2.6~M3		3~15	1,700	2,300			
KA250P	M2.6~M4	DUCH	2~25	630	1,050			
KA350P	M2.6~M5	PUSH	2~35	460	750			
KA450P	M2.6~M6		3~45	330	550			

- Standard SET packing Screwdriver, KT-38D V2.1FA, Cable(5p), Signal cable, manual.
- Please add suffix A or B to the model for the type of Bit socket.

SPARE PARTS		STANDARD CONTROLLER
	Cable(5P)	
	510550	
BIT SOCKET		





- Number of fastened screw display
- Judgement of each fastening by OK, NG
- · Signal of fastening cycle IN, OUT
- Total count of fastened screw
- Fastening error detect and alert by Buzzer
- Display the type of error
- · Measuring fastening time of screws and
- · Available together with the screw feeder
- Used with the KT-38D controller only

SS	1
M	2
EF	3
K	4
KA	5
Controller	6
Screw Counter	7
Torque Tester	8
Accessories	9

TORQUE TESTER



TORQUE TESTER



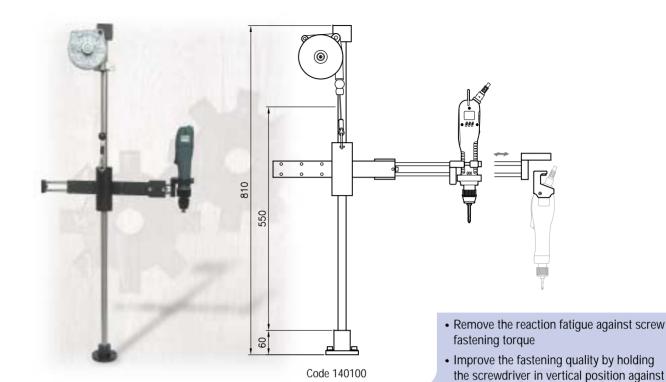


- Selectable Low pass Filter
- Company logo international characters can be displayed through the Large graphic Display panel.
- Data Acquisition Software is very useful program for the customer to down load the test data through the MS Excel automatically.
- Easy up grade thorough the software.





ACCESSORIES



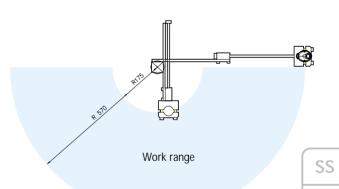
- work piece Spring balancer equipped
- Ball bearings provide very smooth sliding

Specification

Troque Range	10~100 kgf.am	5~50 kgf.cm	0.15~ 10 kgf cm					
Unit	kgf.cm/ Nm/ in.lbf							
Mode	Peak, Track	Peak, Track						
Display	Graphic LCD 00.00							
Accuracy	$\pm 0.5\%$ Reading of FS(20~100%) $\pm 1\%$ Reading of FS(10~20%)							
Filtering	3000, 1500, 1000, 500Hz Low Pass Filtering							
Data output	Analog out put / RS-232C							
Software	Real time data down load through MS Excel by Data Acquisition Software							
DC Power	DC7.5V Overcharge protection, 10 housuse							
Size	185(W) × 105(D) × 55 (H)							
Caring bag	Aluminum hard bag							
Standard accessroies AC Adapter, Run down adapters, Data cable, Data Acquisition Software								

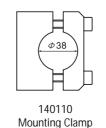
Specification

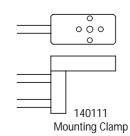
Work range	Max. Dia 570 mm
Stroke	550 mm
Balancing Weight	Max. 3 Kg
Reaction torque	Max. 50 Kgf.cm



Mounting Clamp

Code	Driver
140111	EF
140110	S, SS, M, K, KA







EF Driver fixture

Controller **Screw Counter Torque Tester**

M

EF

KA

Accessories

Accessories

Controller **Screw Counter Torque Tester**

SS

M

EF

KA