

INNOVATION FOR SCREWS FASTENING





KILEWS INDUSTRIAL CO., LTD. was established in July 1984. The company began with USD\$3,000.000 investment and six staff. We created the KILEWS as our trademark with the most professional techniques for making automatic electric screwdrivers to the world.

In 1988, our investment grew to USD\$170,000 and we decided to expand international markets, especially for Asia region.

In 1990, based on increasing demand for KOREA market, KILEWS set up the electric screwdriver assembling plant in INCHON, KOREA.

In 1992, with the approval of Investment Commission, MOEA, the company invested US\$200,000 to TIANJIN TAIWEI INTERNATIONAL TRADING CO., LTD. for international trading and Northern China Customer Service Center of KILEWS.

In July 1994, KILEWS (CHINA) CUSTOMER SERVICE CENTER was established in SHEN-ZHEN, KUAN-CHOU of China and KILEWS (H.K.) TRADING COMPANY in December in Hong Kong.

In January 1995, KILEWS completed building a new plant in Hsin-Chuang Dist., New Taipei City, Taiwan, R.O.C., the capital was increased to USD\$350,000 at the same time with 46 staff through professional automatic equipment to sell our products all over the world.

In 1996, KILEWS established two China offices-TUNG-GUAN OFFICE in April and Central China Customer & Service Center, Shanghai in October.

In February 1997, KILEWS MARKETING (S.E.A)(SINGAPORE) was established to sell and provide service in South

In January 1998, AC230V electric screwdriver has been approved the certification of CE from ITS. UK. which allowed KILEWS formally entering into the EUROPE markets. In June, acquired "the Chinese chang cheng Certification" to meet the demand of mainland China's widely market. In December, AC115V acquired UL approval to strengthen the competition and satisfy the American markets' demand.

KILEWS acquired three certifications in 1998 CE from ITS, UK. In January, Chinese Chang Cheng, China in June and UL of USA in December.

In April 1999, in order to satisfy increasing demand of EUROPE and UNITED STATES markets, the total capital has added to USD \$1,000,000 and increased the offshore staff at about 200 excluding 85 in Taiwan.

In August 2000, in order to further expand the CHINA market, KILEWS increased the capital to USD\$3,000,000 and established KILEWS Electric Tools (Shanghai) Co., Ltd. which manufacture electric screwdrivers for the needs of Chinese Market.

In September 2000, KILEWS acquired CE, UL & CUL certification on DC type 32V series electric screwdriver and Power Controller.

In December 2002, KILEWS Electric Tools (Shanghai) CO., LTD. was approved as ISO9001 manufacturer in China.

In January 2003, KILEWS products passed and acquired the CCC certificates by China CQC.

In January 2005, KILEWS Electric Tools (VIETNAM) CO., Ltd. was set up in Vietnam.

In October 2007, KILEWS new factory was set up in Taiwan and soon become one of biggest suppliers of electric screwdriver in the world.

In October 2008, the company held a grand opening of new plant in Taiwan for preparation of being a leading supplier of electric screwdrivers all over the world.

In January 2009, KILEWS self-researched, developed and produced brushless motor, entering the new generation of the small-size brushless motor. In March of the same year, KILEWS developed co-product for the brushless screwdriver application such as counter, low recoil force screwdriver-.etc.

In 2010, Brushless technology was officially produced and promoted in Shanghai China and soon became the highest sale in the power tool market.

In 2011, KILEWS self-researched and developed automatic industrial brushless power torque screwdriver series. Focus on the convenience for the users and increase power saving, also design for energy conservation and

environmental protection as well.

In 2012, Accomplished the development of cordless screwdriver series' product line, self-researched and developed automatic/semi-automatic / impact series industrial brushless cordless screwdriver and light weight, high speed automatic cordless brushless screwdriver.

In October 2012, KILEWS SKD-BE Series won the National Brand of Yushan Award, the award for outstanding business class award for the best product.

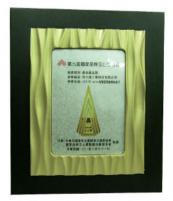
In January 2015, KILEWS West USA Inc. was set up in U.S.A on January 14th 2015.

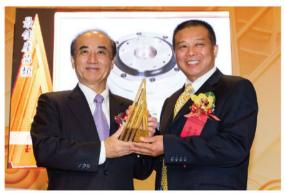






The group photo of President of Taiwan Mr. Ma Ying-Jeou had an interview with the 9th National Brand of Yushan Award of chairmen's award winners on January 2<sup>nd</sup> 2013.





In 2012, KILEWS won the National Brand of Yushan Award, the award for outstanding business class award for the best product.















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### SCREWDRIVERS MODEL TYPES DESCRIPTION DC-TYPE(BRUSHLESS SERIES) DC-TYPE(CARBON BRUSH SERIES) AC-TYPE(CARBON BRUSH SERIES)



### DC-TYPE(BRUSHLESS SERIES)

# <u>SKD</u>-BN519PFD

Post 1-DC-TYPE

Post 2-B:Brushless Electric Screwdriver Series N: New generation of functional intergration screwdriver series.

Post 6-Start Type:"P"-Push Start Type;"L"-Trigger Start Type
Post 7-"F"-High Speed Type

Post 8-Bit Type

"A"-Bit in SS 5mm, Hexagon Type O

"B"-Bit in SS 6.35mm, Hexagon Type

"C"-Bit in M3 4Ø Round Type O

"D"-Bit in M6 5Ø Round Type

## SKD-RBN60P SKD-TBN60LUW

Post 1-DC-TYPE

Post 2-RB:Power Torque(Brushless) in-line Type

Operation(RB Type must be used with Auxiliary Arm together)

TB:Power Torque(Brushless) T-Type Operation

N: New generation of functional intergration screwdriver series.

Post 5-Start Type:"P"-Push Start Type;"L"-Trigger Start Type Post 6-Power Source Input Way

"U"-Top-cord

"D"-Bottom-cord

Post 7-Bit Type

"B"-Bit in SS 6.35mm, Hexagon Type ()

"W"-Round-Socket Drive

### DC-TYPE(CARBON BRUSH SERIES)

# **SKD-5300LFD**

Post 1-DC-TYPE

Post 6-Start Type: "P"-Push Start Type; "L"-Trigger Start Type

Post 7-"F"-High Speed Type

Post 8-Bit Type

"A"-Bit in SS 5mm, Hexagon Type O

\*B"-Bit in SS 6.35mm, Hexagon Type

\*C"-Bit in M3 4Ø Round Type O

"D"-Bit in M6 5Ø Round Type

### **AC-TYPE(CARBON BRUSH SERIES)**

# **SK-9230PFA**

Post 1-AC-TYPE

Post 3-Input Voltage: "1"-AC110~120Volt 50/60Hz

"2"-AC220~240Volt 50/60Hz

Post 6-Start Type: "P"-Push Start Type; "L"-Trigger Start Type

Post 7-"F"-High Speed Type

Post 8-Bit Type

"A"-Bit in SS 5mm,Hexagon Type (

"B"-Bit in SS 6.35mm,Hexagon Type (

"C"-Bit in M3 4Ø Round Type O

"D"-Bit in M6 5Ø Round Type (

# SKD-BE519PFD

Post 1-DC-TYPE

Post 2-B: Brushless Electric Screwdriver Series

Post 3-E: Built-in counter screwdrivers

Post 7-Start Type: "P"-Push Start Type; "L"-Trigger Start Type

Post 8-"F"-High Speed Type

Post 9-Bit Type

"A"-Bit in SS 5mm, Hexagon Type Q

"B"-Bit in SS 6.35mm, Hexagon Type

"C"-Bit in M3 4Ø Round Type O

"D"-Bit in M6 5Ø Round Type



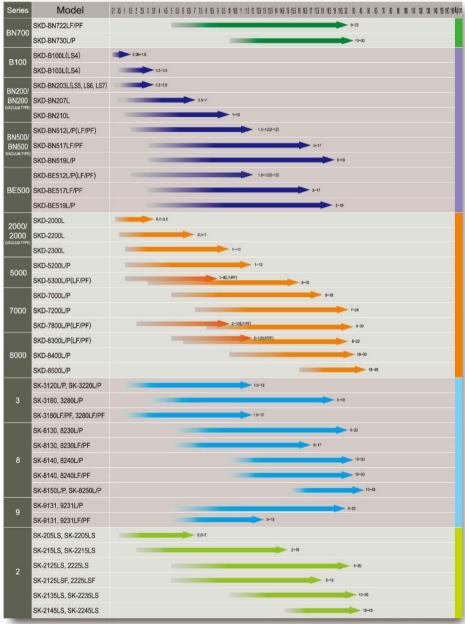


### TABLE OF ALL MODELS

-				Screwdriv	vers			Power	
Page	Series	Model	Torque(kgf.cm)	Speed(r.p.m)	Screw Size(mm)	Features	Starting Method	Model	
	BN700	SKD-BN722LF/PF	5~22	2000	2.6~4.0	HIGH Torque	Trigger	OKE BESSELL (OB)	
′	BN/UU	SKD-BN730L/P	10~30	1200/900	2.6~4.0	Brushless Screwdrivers	and Push Start	SKP-BE32HL(6P)	
8	B100	SKD-B100L(LS4)	0.08~1.5	1000/700(280/200)	1.0~1.7	First Smallest		SKP-12HL	
٥	B100	SKD-B103L(LS4)	0.5~3.5	1000/700(280/200)	1.0~2.3	Brushless Screwdrives		SKP-12HL	
9	BN200/	SKD-BN203L(LS5, LS6, LS7)	0.2~3.5	1000/700 (500/350,370/260,230/160)	1.0~2.3		Trigger Start		
≀ 10	BN200/ BN200 (VACUUN TYPE)	SKD-BN207L	0.5~7	1000/700	1.4~2.6			SKP-32BC-60W	
10	(VACUUM TYPE)	SKD-BN210L	1~10	1000/700	1.6~3.0	Medium/ Low Torque			
111	BN500/	SKD-BN512L/P(LF/PF)	1.5~12(2~12)	1000/700(2000)	1.6~3.0(1.6~3.0)	Brushless			
11 ≥	BN500	SKD-BN517LF/PF	3~17	2000	1.6~3.0	Screwdrivers			
12	(VACUUM TYPE)	SKD-BN519L/P	3~19	1000/700	2.3~3.5		Trigger and	SKP-32BC-60W SKP-BE32HL(6P)	
		SKD-BE512L/P(LF/PF)	1.5~12(2~12)	1000/700(2000)	1.6~3.0(1.6~3.0)	Medium	Push Start	(LF/PF Use only)	
13	BE500	SKD-BE517LF/PF	3~17	2000	1.6~3.0	Torque Screwdrivers			
		SKD-BE519L/P	3~19	1000/700	2.3~3.5	with Counter			
19	2000/	SKD-2000L	0.2~3.5	1000/700	1.0~2.3				
	2000/ 2000 (VACUUN TYPE)	SKD-2200L	0.5~7	1000/700	1.4~2.6		Trigger Start		
20	(VACUUM TYPE)	SKD-2300L	1~10	700/500	1.6~3.0				
0.4	5000	SKD-5200L/P	1~12	1000/700	1.6~3.0		Trigger and Push Start		
21	5000	SKD-5300L/P(LF/PF)	3~16(1~8)	1000/700(2000)	2.3~3.5(1.6~3.0)	DC			
		SKD-7000L/P	5~18	1000/700	2.0~3.5	Automatic		SKP-32HL-60W	
22	7000	SKD-7200L/P	7~24	750/520	2.6~4.0	Screwdrivers			
		SKD-7800L/P(LF/PF)	8~30(2~10)	530/350(2000)	3.0~5.0(2.0~3.0)				
		SKD-8300L/P(LF/PF)	6~22(5~12)	1000/700(2000)	2.6~4.0(2.0~3.0)			Push Start	
23	8000	SKD-8400L/P	10~30	750/520	3.0~5.0				
		SKD-8500L/P	15~45	530/350	4.0~6.0				
		SK-3120L/P, SK-3220L/P	1.5~12	1000	1.6~3.0				
26	3	SK-3180L/P, SK-3280L/P	3~19	1000	2.6~3.5				
		SK-3180LF/PF, SK-3180LF/PF	1.5~12	2000	2.0~3.0				
		SK-8130L/P(LF/PF) SK-8230L/P(LF/PF)	5~22(5~17)	1000(1900)	2.6~4.0(2.3~3.5)	AC Automatic	Trigger and		
27	8	SK-8140L/P(LF/PF) SK-8240L/P(LF/PF)	10~30(10~30)	700(1000)	3.0~5.0(3.0~5.0)	Screwdrivers	Push Start		
		SK-8150L/P, SK-8250L/P	15~45	500	4.0~6.0				
28	9	SK-9131L/P(LF/PF) SK-9231L/P(LF/PF)	5~20(5~13)	1000(2000)	2.6~4.0(2.0~3.5)				
		SK-205LS, SK-2205LS	0.5~7	1100/1000	1.6~3.0				
		SK-215LS, SK-2215LS	2~15	1100/1000	2.0~4.0				
29 ≀		SK-2125LS(LSF)	5~25(5~18)	1000(2000)	2.6~5.0(2.0~4.0)	AC Semi-Automatic	Triange Otoni		
30	2	SK-2225LS(LSF)	5~25(5~18)	1000(2000)	2.6~5.0(2.0~4.0)	Screwdrivers	Trigger Start		
		SK-2135LS, SK-2235LS	10~35	830/700	2.6~5.0				
		SK-2145LS, SK-2245LS	15~45	550/500	3.0~6.0				



### TORQUE OF ALL MODELS (kgf.cm)

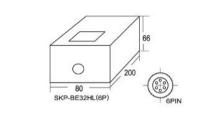


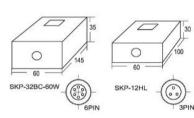
### KILEWS POWER CONTROLLER (FOR BRUSHLESS SCREWDRIVERS) SKP Series [SKP-12HL, SKP-32BC-60W, SKP-BE32HL(6P)]



- Power switch: ON/OFF indicator. Two kinds of output voltage Hi & Lo.
- Please set the torque scale below 4 for operation when the voltage of SKP series is set as Lo or below 32V.
- Support variant plug type for different country.

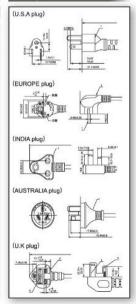
### **External Dimension**





Model	SKP-12HL	SKP-32BC-60W	SKP-BE32HL(6P)
Input Voltage	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz
Output Voltage	LO DC 9V / HI DC 12V	LO DC 24V / HI DC 32V	LO DC 24V / HI DC 32V
Capacity	2.5A	1.8A MAX	3A MAX
Outside Dimensions	100X50X35(mm)	145X60X35(mm)	200X80X66(mm)
Weight(g)	144.5(main body)	250(main body)	460(main body)
AC Cord Length	2M with ground	2M with ground	2M with ground
	SKD-B100 Series	SKD-BN200 Series SKD-BN500 Series	SKD-BN200 Series SKD-BN500 Series
		(not included F type series) SKD-BE500 Series (not included F type series)	SKD-BE500 Series SKD-BN700 Series
Applicable Models			

### **Plug Feature**



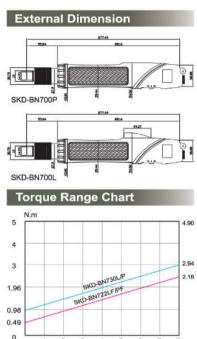
# BRUSHLESS HIGH TORQUE DC-TYPE AUTOMATIC TRIGGER AND PUSH START CLUTCH TYPE SERIES



SKD-BN700 Series [SKD-BN730L, SKD-BN730P, SKD-BN722LF/PF]



- Brushless feature is applicable in a clean-room environment. The output of torque is highly stable. It is not only a easy-operate equipment but also be operated continuously for a long period.
- One LED on the housing is to remind the operators that the scewdriver is connecting to the power controller.
- Besides, it is a non-carbon, low-noise equipment, and low voltage.
  The best choice when composing the vertical's internal parts and/or any large-size electric equipments, including home appliances, LED/LCD panels and etc.
- Optional accessories spring balancer hoist or pistol grip can be added for easy and safe operation.



### Specifications

Mo	del	SKD-BN722LF/PF	SKD-BN730L/P		
Input \	/oltage		DC24V/32V		
Power Co	nsumption	55W	55W		
	(kgf.cm)	5~22	10~30		
Torque	(Lbf.in)	4.33~19.12	8.67~26.02		
	(N.m)	0.49~2.16	0.98~2.94		
Repeatable Toro	que Accuracy(%)	±3	%		
Torque A	djustment	Step	less		
Free Speed	HI	2000	1200		
(r.p.m)	LO	1500	900		
Screw Size Dia	Machine Screw	2.6~4.0	2.6~4.0		
(mm)	Tapping Screw	2.6~3.5	2.6~3.5		
Weight(9	1)	800			
Length(n	nm)	21	78		
ESD(Ant	ti-Static)	V	(with black housing)		
CE		V	,		
RoHS		~	•		
Power C	ontroller	SKP-BE3	2HL(6P)		
Bit Type		A B B	B B B		



# BRUSHLESS MINI TORQUE DC-TYPE AUTOMATIC TRIGGER START CLUTCH TYPE SERIES

SKD-B100 Series [SKD-B100L, SKD-B103L,

SKD-B100LS4, SKD-B103LS4]

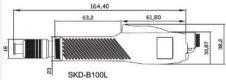


- Adopting the high function of innovation and brushless feature. Durable and permanent life-time. Motor maintenance is unnecessary.
- Small and light weight, noiseless, streamlined appearance, high stability and easy to use.
- First creation of the most smallest and lightest brushless feature. First innovation of Forward/Reverse switch modes. Screws can be loosed easily just in a moment without switching the
- switches' modes. ■Two lowest torque specifications: 0.08~1.5Kgf.cm / 0.5-3.5Kgf.cm. Best choice for producing high precision products, such as watches, high precision hard-driver and etc.
- ●1000rpm / 700rpm; 280rpm / 200rpm rotation rates; directly switching from power source.
- Certification: ETL and CE
- Anti-static electricity selections on the Cover Housing.

### Specifications

Mo	del	SKD-B100L	SKD-B103L	SKD-B100LS4	SKD-B103LS4		
Input \	/oltage		DC9V o	r DC12V			
	(kgf.cm)	0.08~1.5	0.5~3.5	0.08~1.5	0.5~3.5		
Torque	(Lbf.in)	0.07~1.33	0.44-3.01	0.07~1.33	0.44~3.01		
	(N.m)	0.008~0.15	0.05~0.34	0.008~0.15	0.05~0.34		
Repeatable Toro	ue Accuracy(%)		±	5%			
Torque A	djustment		Ste	pless			
Free Speed	HI	1000	1000	280	280		
(r.p.m)	LO	700	700	200	200		
Screw Size Dia	Machine Screw	1.0~1.7	1.0~2.3	1.0~1.7	1.0~2.3		
(mm)	Tapping Screw	1.0~1.5	1.0~2.0	1.0~1.5	1.0~2.0		
Weight(9	i)		1	70			
Length(r	nm)		1	65			
Power C	ontroller		SKP	-12HL			
ESD(Ant	i-Static)	✓(with black housing)					
CE		~					
RoHS		_					
Bit Type		C 11.5-1					

### **External Dimension**



### **Torque Range Chart**

Model

Input Voltage

Output Voltage

Capacity

Size

Weight

Cord Length

SKP-12HL

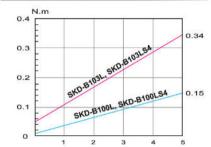
AC100~240V 50/60Hz

Lo DC9V / Hi DC12V

2.5A

105X50X35

144.5g





Torque Fixing Ring KC-9C

oring Balancer KL-600

# BRUSHLESS LOW TORQUE DC-TYPE AUTOMATIC TRIGGER START CLUTCH TYPE SERIES

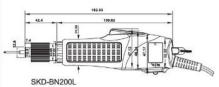


SKD-BN200 Series [SKD-BN203L, SKD-BN207L, SKD-BN210L]

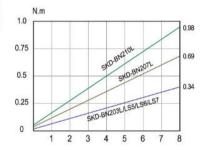


- Adopts High-Functional Brushless Motor, marvelous lifespan and strong durability to repair and maintenance almost needless.
- Smaller size, light weight, low noise-pollution, fashionable design, high stability and easy operation motor which gives the benefit of longer working-time. (3 years warranty on motor)
- Brushless Motor has more stable torque output: It is best to fit for operating in clean-room circumstance and no worry of pollution will be arisen.
- Best tool to assemble Watch, Laptop, Digital Camera, DVD Player, Cell Phone, Communication Equipment and High tech Products which need to be assembled in clean-room.

### **External Dimension**



### **Torque Range Chart**



### **Specifications**

Mo	del	SKD-BN203L	SKD-BN203LS5	SKD-BN203LS6	SKD-BN203LS7	SKD-BN207L	SKD-BN210L				
Input \	Input Voltage		DC24V or DC32V								
Power Co	nsumption			25	W						
	(kgf.cm)	0.2~3.5	0.2~3.5	0.2~3.5	0.2~3.5	0.5~7	1~10				
Torque	(Lbf.in)	0.18~3.01	0.18~3.01	0.18~3.01	0.18~3.01	0.44~6.10	0.89~8.67				
	(N.m)	0.02~0.34	0.02~0.34	0.02~0.34	0.02~0.34	0.05~0.69	0.10~0.98				
Repeatable Torq	ue Accuracy(%)			±3	%						
Torque A	djustment			Step	less						
Free Speed	HI	1000	500	370	230	1000	1000				
(r.p.m)	LO	700	350	260	160	700	700				
Screw Size Dia	Machine Screw	1.0~2.3	1.0~2.3	1.0~2.3	1.0~2.3	1.4~2.6	1.6~3.0				
(mm)	Tapping Screw	1.0~2.0	1.0~2.0	1.0~2.0	1.0~2.0	1.4~2.3	1.6~2.6				
Weight(9	9)			38	35						
Length(r	nm)			18	35						
ESD(Ant	ti-Static)	✓ (with black housing)									
CE		<b>v</b>									
RoHS				`	,						
Bit Type			B≡₽	1	C +111	i di '					

### #SKD-BN203LS5 can not work with KL-SSBN slow start control module









# BRUSHLESS LOW TORQUE DC-TYPE AUTOMATIC VACUUM SCREWDRIVERS SKD-BN200 (VACUUM TYPE) Series



- Vacuum screwdriver was taking the series of SKD-BN200L as reference and being created by adding the vacuum head. The main purpose is sucking the non-magnetic screws, such as plastic screws / aluminum-made screws / stainless steel screws and any other screws that does not contain magnetic.
- Any type and specification of screws can be sucked which only need to replace the head to KS-2B.
- The volume of vacuum screwdriver pump is small; it is suitable to all kinds of vacuum screwdrivers.
- The suction of vacuum pump is powerful; if the screws tray is using together, it will be more convenient and easy. The screws can be placed at the tray first and then sucked by the vacuum screwdriver.



### **Specifications**

Mo	de	SKD-BN203L(VACUUM TYPE)	SKD-BN207L(VACUUM TYPE)	SKD-BN210L(VACUUM TYPE	SKD-BN203LS5(VACUUM TYPE)	SKD-BN283LS6(VACUUM TYPE)	SKD-BN203LS7(VACUUM TYPE)
Input V	oltagel			DC24V	or DC32V		
	(kgf.cm)	0.2~3.5	0.5~7	1~10	0.2~3.5	0.2~3.5	0.2~3.5
Torque	(Lbf.in)	0.18~3.01	0.44~6.10	0.89~8.67	0.18~3.01	0.18~3.01	0.18~3.01
	(N.m)	0.02~0.34	0.05~0.69	0.1~0.98	0.02~0.34	0.02~0.34	0.02~0.34
Repeatable Torq	ue Accuracy(%)			±	3%		
Torque A	djustment	45 25		Step	oless		
Free Speed	HI	1000	1000	1000	500	370	230
(r.p.m)	LO	700	700	700	350	260	160
Screw Size Dia	Machine Screw	1.0~2.3	1.4~2.6	1.6~3.0	1.0~2.3	1.0~2.3	1.0~2.3
(mm)	Tapping Screw	1.0~2.0	1.4~2.3	1.6~2.6	1.0~2.0	1.0~2.0	1.0~2.0
Power Co	nsumption			25	5W		
Weight(g	)			3	85		
Length(n	nm)			2	34		
ESD(Ant	i-Static)			,	(with black housing)	)	
CE				•	/		
RoHS				,	,		
Power C	Controller			SKP-32	BC-60W		
Bit Type			В 🧧	16 - 6.35	C	5.3 4 PP-	

### BRUSHLESS MEDIUM TORQUE DC-TYPE AUTOMATIC TRIGGER AND PUSH START CLUTCH TYPE SERIES

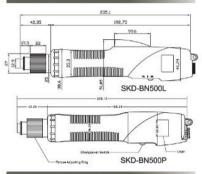


SKD-BN500 Series [SKD-BN512L/P. SKD-BN512LF/PF. SKD-BN517LF/PF. SKD-BN519L/P]

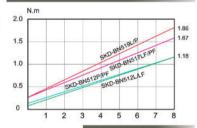


- Adopts High-Functional Brushless Motor, marvelous lifespan and strong durability to repair and maintenance almost needless.
- Smaller size, light weight, low noise-pollution, fashionable design, high stability and easy operation motor which gives the benefit of longer working-time. (3 years warranty on motor)
- Brushless Motor has more stable torque output : It is best to fit for operating in clean-room circumstance and no worry of pollution will be arisen
- Best tool to assemble Watch, Laptop, Digital Camera, DVD Player, Cell Phone, Communication Equipment and High tech Products which need to be assembled in clean-room.
- The screwdrivers have two speed selections can be changed to Hi and Lo(High speed screwdrivers model except), stable R.P.M.

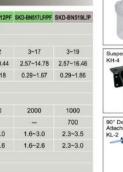
### **External Dimension**



### Torque Range Chart



### Accessories











### **Specifications**

Mo	del	SKD-BN512L	SKD-BN512P	SKD-BN512LF	SKD-BN512PF	SKD-BN517LF/PF	SKD-BN519L
Input \	/oltage			DC24V	or DC32V		
Power Co	nsumption			55	SW		
	(kgf.cm)	1.5~12	2~12	1.5~12	2~12	3~17	3~19
Torque	(Lbf.in)	1.33~10.44	1.77~10.44	1.33~10.44	1.77~10.44	2.57~14.78	2.57~16.46
	(N.m)	0.15~1.18	0.2~1.18	0.15~1.18	0.2~1.18	0.29~1.67	0.29~1.86
Repeatable Torc	que Accuracy(%)			±	3%		
Torque A	djustment			Ste	oless		
Free Speed	HI	1000	1000	2000	2000	2000	1000
(r.p.m)	LO	700	700	_	_	-	700
Screw Size Dia	Machine Screw	1.6~3.0	1.6~3.0	1.6~3.0	1.6~3.0	1.6~3.0	2.3~3.5
(mm)	Tapping Screw	1.6~2.6	1.6~2.6	1.6~2.6	1.6~2.6	1.6-2.6	2.3~3.0
Weight(9	1)			5	20		
Length(n	nm)			2	45		
ESD(Ant	ti-Static)				(with black I	nousing)	
CE				,	V		
RoHS				,	v		
Bit Type				BER C		, <u>a ja</u>	

# BRUSHLSS MEDIUM TORQUE DC-TYPE AUTOMATIC VACUUM SCREWDRIVERS SKD-BN500 (VACUUM TYPE) Series



- Vacuum screwdriver was taking the series of SKD-BN500L/P as reference and being created by adding the vacuum head. The main purpose is sucking the non-magnetic screws, such as plastic screws / aluminum-made screws / stainless steel screws and any other screws that does not contain magnetic.
- •Any type and specification of screws can be sucked which only need to replace the head to KS-5B.
- The volume of vacuum screwdriver pump is small; it is suitable to all kinds of vacuum screwdrivers.
- The suction of vacuum pump is powerful; if the screws tray is using together, it will be more convenient and easy. The screws can be placed at the tray first and then sucked by the vacuum screwdriver.

### **Specifications**

Mod	lel		SKD-BN512P NACULM TYPE)	SKD-8N519LIP (WACUUM TYPE)	SKD-BAS17LF/PF (WACUUM TYPE)		SKD-EN512PF (VACUUM TYPE)		
Input Voltage				DC24V	or DC32V				
	(kgf.cm)		2~12	3~19	3~17	1.5~12	2-12		
Torque	(Lbf.in)	1.33~10.44	1.77~10.44	2.57~16.46	2.57~14.78	1.32~10.44	1.77~10.44		
	(N.m)	0.15~1.18	0.2~1.18	0.29~1.86	0.29~1.67	0.15~1.18	0.2~1.18		
Repeatable Torqui	e Accuracy(%)	±3%							
Torque Adj	ustment			Step	oless				
Free Speed	HI	1000	1000	1000	2000	2000	2000		
(r.p.m)	LO	700	700	700	-	-	2. <del></del>		
Screw Size Dia	Machine Screw	1.6~3.0	1.6~3.0	2.3~3.5	1.6~3.0	1.6~3.0	1.6~3.0		
(mm)	Tapping Screw	1.6~2.6	1.6~2.6	2.3~3.0	1.6~2.6	1.6~2.6	1.6~2.6		
Power Con	sumption	55W							
Weigh	ıt(g)			5	20				
Length	(mm)			2	B3				
ESD(Anti	-Static)			,	(with bla	ack housin	g)		
CE				,	/				
Roh	IS			,	/				
Power Co	ontroller	SKI	P-32BC-6	W	SKP	-BE32HL	(6P)		
Bit Ty	/ре	в 🗐		c siii	J 75.	D - 20.5	<b>1</b>		



### Bit nozzle specification

PART NO	d1	d2	D	Н	Bit Dia (mm) TxDxL	
P11032	2.2	3	4	1.3	00X1.5X60	Ammung Land
P11032-1	2.7	4	5	1.5	0X2.0X60	ज व व
P11032-2	3.2	4.5	5.5	2	1X2.5X60	quunds
P11032-3	3.7	5.8	6.8	3	BN200:1X3.0X60 BN500:2X3.0X60	









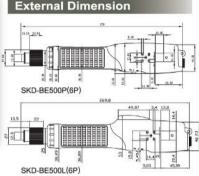
### BRUSHLESS MEDIUM TORQUE DC-TYPE AUTOMATIC WITH COUNTER TRIGGER AND PUSH START CLUTCH TYPE SERIES

SKD-BE500 Series [SKD-BE512L(6P), SKD-BE519L(6P), SKD-BE512LF(6P), SKD-BE517LF(6P)] [SKD-BE512P(6P), SKD-BE519P(6P), SKD-BE512PF(6P), SKD-BE517PF(6P)]

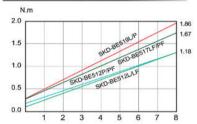


- Brushless motor, the perfect combination of screw counter and electric screwdriver, and most fit for operating in the clean room environment.
- ■Torque range from 1.5-19Kgf.cm is medium & small-sized screwdrivers. Widespread and extensively applied by users.
- SKD-BE series is one compact of LED counter and electric screwdriver. Two-color housing, easy to operate, suitably used on production line and effectively control numbers of fastening screws and operation quality.
- Easy to set up, complete function, user can set up this counter according to needs of work and leave system automatically to inspect the precision of fastened screws.
- This system can set up Effective Count Number(SC), Automatic Zero(At), Start Detect Time(Lt), Stop Time(Ht), Double Confirm Time after Fastening(LL), Waiting Time between Two Screwdrivers. Professional designs for the needs of
- Automatic Learning can complete necessary time from start to fasten, let user
- confirm whether it is an ideal fastening value.

  Signal output by OK ALL/OK ONE/N.G. in the screwdrivers, open collector. The user can select another wire to connect PLC if necessary.
- olf start time doesn't stop as over Ht time, that means stripped or wrong screw ; If start time stops before Lt time, that means screws stuck or wrong. This function can effectively determine whether screw fastening is right or wrong.
- After setting up screws fastening, shut-off can be confirmed just one time during pre-set time



### **Torque Range Chart**





### Specifications

Мо	del	SKD-BE512L(6P)	SKD-8E512P(EP)	SKD-8E512LF(6P)	SKD-BE512PF(6P)	SKD-8E517LFISP)	SKD-BES17PF(SP)	SKD-BE519L(6P)	SKD-BE515P(6P)
Input \	/oltage			tu e	DC24V c	r DC32V	911		
Power Co	nsumption				55	w			
	(kgf.cm)	1.5~12	2~12	1.5~12	2~12	3~17	3~17	3~19	3~19
Torque	(Lbf.in)	1.33~10.44	1.77~10.44	1.33~10.44	1.77~10.44	2.57~14.78	2.57~14.78	2.57~16.46	2.57~16.46
0.1000000000	(N.m)	0.15~1.18	0.2~1.18	0.15~1.18	0.2~1.18	0.29~1.67	0.29~1.67	0.29~1.86	0.29-1.86
Repeatable Toro	ue Accuracy(%)				±3	%			
Torque A				Step	less				
Free Speed	HI	1000	1000	2000	2000	2000	2000	1000	1000
(r.p.m)	LO	700	700	-	-	-	-	700	700
Screw Size Dia	Machine Screw	1.6~3.0	1.6~3.0	1.6~3.0	1.6~3.0	1.6~3.0	1.6~3.0	2.3~3.5	2.3~3.5
(mm)	Tapping Screw	1.6~2.6	1.6~2.6	1.6~2.6	1.6~2.6	1.6~2.6	1.6~2.6	2.3~3.0	2.3~3.0
Weight(g	)				58	30			
Length(n	nm)				27	70			
ESD(Ant	i-Static)				,	(with black	ck housing	)	
CE				,	,				
RoHS					,	,			
Bit Type	A	24	B	· 1		OF.		Ŏ.	













Pistol Grip LG-11, PG-11 (not included F type series





# KILEWS SCREW COUNTER (FOR BRUSHLESS SCREWDRIVERS) INTRODUCTION/FEATURES

### Introduction

In order to achieve accurate counting on screw fastening and work together with PLC based process control, KILEWS integrate screw counter, power supply, and slow start function into unique device which is both power supply and screw counter as well. Our screw counters are designed more conveniently and perfectly to meet users' practicability and availability.



### Features of SKP-BC32HL-100(V3.0)

- High / Low speed switch / Hi/Lo voltage switch protection function
- Slow start time (0.0-9.9 second)
- Slow start speed Level (L0:100%, 35%~85% L1~L9 Rated speed)
- Target reached Confirm (enable / disable)
- Input / Output function control
- External start Input Control
- External reverse Input Control
- External enable Input Control
- External confirm Input Control
- Expanding 5 sets data memory
- Auto-Learning function for time monitoring
- Before tightening reverse
- After tightening reverse
- Counting mode (count up / count down)
- Signal output (OK 1/ OK ALL / NG)
- Cancel NG signal (Use external Clear or Confirm button to cancel NG signal)
- Operation complete time
- Self locking when counter detect error (enable / disable)
- Sensor mode (Applications according to different operation use)
- Error code by monitoring
- Strong anti-interference capability



### SCREW COUNTER vs SCREWDRIVERS



### SKP-BC32HL

SKD-BC203L SKD-BC207L SKD-BC210L SKD-BC512L SKD-BC512P SKD-BC519L SKD-BC519P



### SKP-BC32HL-100(V3.0)

SKD-BN203L SKD-BN512L SKD-BN512LF SKD-BN207L SKD-BN512P SKD-BN512PF SKD-BN210L SKD-BN519L SKD-BN517LF

SKD-BN519P SKD-BN517PF

SKD-BN730L SKD-BN730P

SKD-BN722LF

SKD-BN722PF



# KILEWS SCREW COUNTER (FOR BRUSHLESS SCREWDRIVERS) SKP-BC32HL-100(V3.0) [Counter / Power Supply / Slow-Start]



### **EXTERNAL DIMENSION**







Model	SKP-BC32HL-100(V3.0)				
Input Voltage	AC 100~240V 50/60HZ				
Output Voltage	DC 32V / 24V 1.875A				
Power Consumption	60W				
Count	1~99				
Count method	Count-up / Count-down				
Work with Sensor	ON/OFF				
GATE Sensor	ON(2 Sensors) / OFF(1 Sensor)				
Slow-start time adjustable	0~9.9 seconds				
Slow-start speed adjustable	L0: 100%, 35%~85% L1~L9 Rated speed				
Running Time limit-LO	0.00~9.99 seconds				
Running Time limit-HI	0.0~9.9 seconds				
Reminder Mode	ON/OF/FF/EF with LED and buzzer				
Auto ZERO	ON/OFF				
External inputs	Forward / Reverse / Disable / Confirm / Sensor / Clear				
External outputs	ON/OFF				
Screwdriver Control	HI/LO : Slow-Start				
Outside Dimensions	200X130X100(mm)				
Weight(Kg)	1.53				
Accessories	Power cordX1 \ KeyX2				
Remark	.€ ✓koHS				
Applicable Models	SKD-BN200 (Series) SKD-BN500(LF/PF) (Series) SKD-BN700(Series)				



### SCREW COUNTER (FOR BRUSHLESS SCREWDRIVERS)

SKP-BC32HL [Counter / Power Supply / Slow-Start]











### **Specifications**

Model
Input Voltage
Output Voltage
Power Consumption
Count
Count method
Work with Sensor
GATE Sensor
Slow-start time adjustable
Slow-start speed adjustable
Running Time limit-LO
Running Time limit-HI
Reminder Mode
Auto ZERO
External inputs
External outputs
Screwdriver Control
Weight(kg)
Outside Dimensions

Accessories

Remark

### SKP-BC32HI AC 100V~240V 50/60Hz

DC 32V/24V 1.8A/3A 60W 1~99

Count-up/Count-down ON/OFF

ON(2Sensor)/OFF(1Sensor) 0~9.9 seconds L0:100%, 30%~80% L1~L9 Rated Speed

0.00~9.99 seconds 0.0~9.9 seconds ON/OF/FF/FF with LFD and buzzer

ON/OFF Sensor/Reset OK/NG/OK ALL HI/LO : Slow-Start 0.82kg 150X48X130(mm)

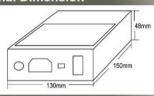
Power cordX1 Suspension bailX2 Terminal BlockX1







### **External Dimension**



### **Specifications**

Model		SKD-BC203L	SKD-BC207L	SKD-BC210L	
	(kgf.cm)	0.2~3.5	0.5~7	1~10	
Torque	(Lbf.in)	0.18-3.01	0.44-6.10	0.89-8.67	
	(N.m)	0.02~0.34	0.05~0.69	0.10~0.98	
Free Speed	н	1000	1000	1000	
(r.p.m)	LO	700	700	700	
Screw Size Dia	Machine Screw	1.0~2.3	1.4~2.6	1.6~3.0	
(mm) Tapping Screw		1.0~2.0	1.4~2.3	1.6~2.6	
Weigl	nt(g)	385	385	385	
Length(mm)		185	185	185	

Model		SKD-BC512L	SKD-BC519L	SKD-BC512P	SKD-BC519P
10	(kgf.cm)		3-19	2-12	3-19
Torque	(Lbf.in)	1.33~10.44	2.57~16.46	1.77~10.44	2.57~16.46
	(N.m)	0.15~1.18	0.29~1.86	0.2~1.18	0.29~1.86
Free Speed	н	1000	1000	1000	1000
(r.p.m)	LO	700	700	700	700
Screw Size Dia	Machine Screw	1.6~3.0	2.3~3.5	1.6~3.0	2.3~3.5
(mm)	Tapping Screw	1.6~2.6	2.3-3.0	1.6-2.6	2.3-3.0
Weigl	ht(g)	520	520	520	520
Length(mm)		245	245	245	245

### **Features**

- Auto detect missing screw, screw stripped, floating lock and wrong choosing of
- Selectable, auto-reset or manual reset.
- Suitable for operation in the clean room.
- The most complete function system such as the setting for SL, SC, RC, SP, auto reply the output timing AT, LT, HT, LL. This is the most professional design and choice
- Slow-start function, which is able to set slow-start time and rotation speed level from L0-L9 to control the screwdriver start from low speed to normal rotation
- Auto-Learning function, to measure the time for screw fastening, is convenient when the users simulate the time of the screw fastening for the special screws.
- Expanding 5 sets data memory. The users can choose single set to operate or 5 sets to operate cyclically like as one screwdriver used as 5 in 1. It's the best choice of screws counter.
- Displaying the quantity of unfinished or fastened screws, and the users can add external sensor switch to avoid any mistake from shortage of screw fastening. And it is able to prompt user automatically while the fastening job is done as setting. Screw counting is also able to connect external devices.
- Setting output input signal (Open Collector) such function is suitable for semi or full automatic. Production line and function for contact point of relay, to prevent operator from improper operation. And make an accurate calculation by signal of sensor.
- Enable to connect with external PLC system to make production line humanistic. Calculate the screws numbers which must be fastened by computer to avoid any unnecessary neglect of screw fastening.
- This system provides DC voltage which can connect to CN1(V+) and CN5(COM) to use the voltage.
- Prevent the screw fastening mistake and can connect the sensor to detect the mistake when the screws fastening, then force to shut-down and show warning

# POWER CONTROLLER (FOR CARBON BRUSH SCREWDRIVERS) SKP Series [SKP-32HL-60W]

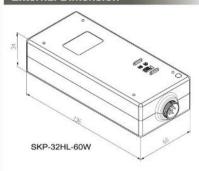


- Output voltage: DC24V and DC32V two selections.
- Power switch: ON/OFF indicator. Two kinds of output voltage Hi & Lo.
- SKP-32HL-60W is a kind of intelligence power controller. Input 100V-240V by AC power source allows.
- SKP-32HL-60W has two output voltage levels, 32V and 24V, for user to choose.
- Please set the torque scale below 4 for operation when the voltage of SKP series is set as Lo or below 32V.
- Equipped with grounding device for eliminating static shock and anti-EMC.
- Support variant plug type for different country.

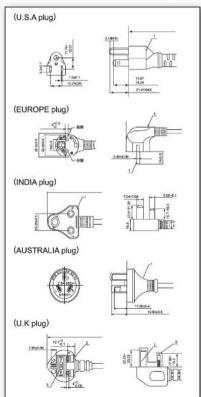
### Specifications

Model	SKP-32HL-60W
Input Voltage	AC 100-240V 50/60Hz
Output Voltage	Low DC 24V / Hi 32V
Output Capacity	2A MAX
Outside Dimensions	136X60X34(mm)
Weight(g)	0.25kg
AC Cord Length	2M with ground
Applicable Models	One screwdriver SKD-2001_, SKD-2000_, SKD-2000L SKD-2001_, SKD-300P SKD-5001_, SKD-300P, SKD-5001F, SKD-300P SKD-7001_, SKD-7800P, SKD-7201_, SKD-7200P SKD-7601_, SKD-7800P, SKD-7801F, SKD-7800P SKD-800P, SKD-8400P, SKD-8600P, SKD-8000F SKD-80001_, SKD-8400P, SKD-8501_, SKD-8300F SKD-80001_, SKD-84001_, SKD-8501_, SKD-8300F
ESD(Anti-Static)	_
UL(CUL)ETL	~
CE	~
RoHS	~
Remark	· <b>①</b> (E

### **External Dimension**



### Plug Feature



# LOW TORQUE DC-TYPE AUTOMATIC TRIGGER START CLUTCH TYPE SERIES

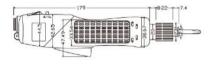


SKD-2000 Series [SKD-2000L, SKD-2200L, SKD-2300L]

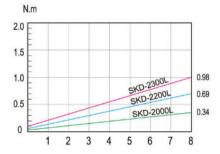


- New technology, ergonomic two-color housings, high temperature-resistant, vibration-resistant, friendly holder, fashionable appearance, light, good operation, free from fatigue under long-time using.
- Low torque 0.2kgf.cm within accuracy ±3%.
- Small, light body 270g. specially design for the precise needing of tiny screws.
- High tech DC motor with parts made in JAPAN with high-quality extra strong magnet, low electric current, stable running, high stability and automatically stop as the screw fastened.
- C-8 stepless torque adjustment, rotation speed selected by switches, Hi & Lo.
- Best for industry of cell phones, digital cameras, notebook computers, PDA, DVD, MP3, CD-R, LCD and high-tech computer perinheral
- Torque fixing ring (KC-4) can be set to fix torque. Slow start is optional for necessity.
- SKD-2000L Trigger series meet UL,CE approval and ESD is offered for the needs of customer.

### **External Dimension**



### **Torque Range Chart**



### Specifications

Mo	del	SKD-2000L	SKD-2200L	SKD-2300L		
Input Voltage			DC24V or DC32V			
Power Co	nsumption		25W			
	(kgf.cm)	0.2~3.5	0.5~7	1~10		
Torque	(Lbf.in)	0.18~3.01	0.44~6.10	0.89~8.67		
	(N.m)	0.02~0.34	0.05~0.69	0.1~0.98		
Repeatable Toro	ue Accuracy(%)		±3%			
Torque A	djustment		Stepless			
Free Speed	HI	1000	1000	700		
(r.p.m)	LO	700	700	500		
Screw Size Dia	Machine Screw	1.0~2.3	1.4~2.6	1.6~3.0		
(mm)	Tapping Screw	1.0~2.0	1.4~2.3	1.6~2.6		
Weight(g	9)	270				
Length(r	nm)		LC/213 LB/222			
ESD(An	ti-Static)		∨ (with black	housing)		
CE			V			
RoHS			~			
Power (	Controller		SKP-32HL-60W			
Bit Type		B⊟₽	C -			











# KILEWS LOW TORQUE DC-TYPE AUTOMATIC VACUUM SCREWDRIVERS SKD-2000 (VACUUM TYPE) Series

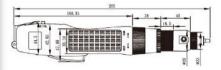


- ■Vacuum screwdriver was taking the series of SKD-2000L as reference and being created by adding the vacuum head. The main purpose is sucking the non-magnetic screws, such as plastic screws / aluminum-made screws / stainless steel screws and any other screws that does not contain magnetic.
- Any type and specification of screws can be sucked which only need to replace the head to KS-2.
- The volume of vacuum screwdriver pump is small; it is suitable to all kinds of vacuum screwdrivers.
- The suction of vacuum pump is powerful; if the screws tray is using together, it will be more convenient and easy. The screws can be placed at the tray first and then sucked by the vacuum screwdriver.

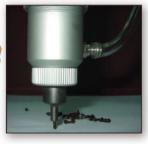
### Specifications

Мо	del	SKD-2000L (VACUUM TYPE)	SKD-2200L (VACUUM TYPE)	SKD-2300L (VACUUM TYPE)		
Input \	/oltage	DC24V or DC32V				
	(kgf.cm)	0.2~3.5	0.5~7	1~10		
Torque	(Lbf.in)	0.18~3.01	0.44~6.10	0.89~8.67		
	(N.m)	0.02~0.34	0.05~0.69	0.1~0.98		
Repeatable Toro	ue Accuracy(%)		±3%			
Torque A	djustment		Stepless			
Free Speed	HI	1000	1000	700		
(r.p.m)	LO	700	700	500		
Screw Size Dia	Machine Screw	1.0~2.3	1.4~2.6	1.6~3.0		
(mm)	Tapping Screw	1.0~2.0	1.4~2.3	1.6~2.6		
Power Co	nsumption	25W				
Weight(g	)	419				
Length(n	nm)	265				
ESD(Ant	i-Static)	✓ (with black housing)				
CE		~				
RoHS		~				
Power C	Controller	SKP-32HL-60W				
Bit Type		B = ==	京。 章	11.5-1 7.7		

### **External Dimension**









### Bit nozzle specification

PART NO	d1	d2	D	Н	Bit Dia (mm) TxDxL	
P11032	2.2	3	4	1.3	00X1.5X60	
P11032-1	2.7	4	5	1.5	0X2.0X60	
P11032-2	3.2	4.5	5.5	2	1X2.5X60	
P11032-3	3.7	5.8	6.8	3	BN200:1X3.0X60 BN500:2X3.0X60	











# MEDIUM TORQUE DC-TYPE AUTOMATIC TRIGGER AND PUSH START CLUTCH TYPE SERIES

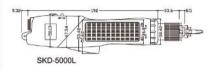


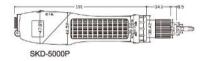
SKD-5000 Series [SKD-5200L, SKD-5300L, SKD-5300LF] [SKD-5200P, SKD-5300P, SKD-5300PF]



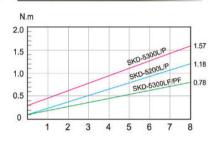
- New technology, ergonomic two-color housing, high temperature-resistant, vibration-resistant, slip-resistant, friendly holder, free form fatigue under long-time using and high working efficiency.
- Low-voltage automatic clutch electric screwdrivers with power controllers, can keep long-time operation, high stability, no influence by fluctuated voltage and high efficiency.
- High tech DC motor with parts made in JAPAN. Fast start with low electric current. Stable torque within accuracy ±3%.
- •0-8 stepless torque adjustment, rotation speed selected by switches Hi & Lo.
- Suitable for high-tech PC, laptop, game cube, etc. Torque fixing ring(KC-6C) can be set to fix torque.
- There are four kinds of bit holder-A,B,C,D. Any screw, socket and nut can be used.
- SKD-5200L Trigger series meet UL, CE approval and ESD is offered for the needs of customer.

### **External Dimension**





### **Torque Range Chart**



### **Specifications**

Mo	odel	SKD-5200L	SKD-5200P	SKD-5300L	SKD-5300P	SKD-5300LF	SKD-5300PF
Input Voltage			DC 24V or DC32V DC32V				
Power Co	nsumption			48	W		
	(kgf.cm)	1~12	2~12	3~	-16	1~8	2~8
Torque	(Lbf.in)	0.89~10.44	1.77~10.44	2.57-	-13.89	0.89~6.9	1.77~6.9
	(N.m)	0.1~1.18	0.2~1.18	0.29	~1.57	0.1~0.78	0.2~0.78
Repeatable Toro	que Accuracy(%)			±3	3%		
Torque A	djustment			Step	oless		
Free Speed	HI	10	000	10	000	20	000
(r.p.m)	LO	700		700		_	
Screw Size Dia	Machine Screw	1.6~3.0		2.3~3.5		1.6~3.0	
(mm)	Tapping Screw	1.6	-2.6	2.3~3.0		1.6~2.6	
Weight(	g)			4	80		
Length(	mm)			2:	30		
ESD(Ar	nti-Static)			,	(with black	housing)	
CE				,	~		
RoHS	*			,	v		
Power	Controller			SKP-32	HL-60W		
Bit Type		A B	B B	Sab c		7 D 10-20	草に











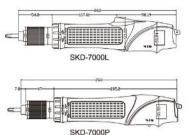
# MEDIUM TORQUE DC-TYPE AUTOMATIC KILEWS TRIGGER AND PUSH START CLUTCH TYPE SERIES

SKD-7000 Series [SKD-7000L, SKD-7200L, SKD-7800L, SKD-7800LF] [SKD-7000P, SKD-7200P, SKD-7800P, SKD-7800PF]

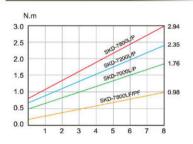


- Low-voltage automatic clutch electric screwdrivers with power controllers, can keep long-time operation, high stability, no influence by fluctuated voltage.
- Be operate with torque fixing ring (KC-2) most applied to office machines. PC peripherals.
- High technology motor, made by extra strong magnet, fast start and low electric current. Fan and vent let motors fast heat emission, low temperature for successive using
- Clutch is made by alloy steel materials made in JAPAN, solid and endurance, fatique-resistant, high stability and long lifespan.
- Precise torque is able to set from small to large, range stepless, stable, fast speed, easy operation and high working efficiency.
- Any screw and socket can be used. As fastening process reach pre-set torque, clutch will be automatically stopped as well.

### **External Dimension**



### **Torque Range Chart**



### **Specifications**

Mo	del	SKD-7000L	SKD-7000P	SKD-7200L	SKD-7200P	SKD-7800L	SKD-7800P	SKD-7800LF	SKD-7800PF
Input \	/oltage	2	DC24V or DC32V					DC	32V
Power Co	nsumption				50	W			
	(kgf.cm)	5~	18	7-	-24	8~	30	2~1	0
Torque	(Lbf.in)	4.34~	15.58	6.11	~20.8	6.9~	26.02	1.77~8	3.67
1000000000000	(N.m)	0.49	~1.76	0.69	~2.35	0.78	-2.94	0.2~0	.98
Repeatable Torc	ue Accuracy(%)				±3	1%			
Torque A	djustment				Step	less			
Free Speed	HI	10	00	7	50	53	30	20	000
(r.p.m)	LO	700		5	20	350		-	
Screw Size Dia	Machine Screw	2.0-	-3.5	2.6	-4.0	3.0-	-5.0	2.0	~3.0
(mm)	Tapping Screw	2.0-	-3.0	2.6	-3.5	3.0-	-4.0	2.0	~2.6
Weight(	g)	600							
Length(	mm)				26	30			
ESD(Ar	iti-Static)				`	(with bla	ack housin	ng)	
CE		v							
RoHS						/			
Power	Controller	SKP-32HL-60W							
Bit Type		A≡		-	ВЩ	<b>≥</b>	D	20.5	ol.

### Accessories



90° Degree KL-1 (only "L" type)



# HIGH TORQUE DC-TYPE AUTOMATIC TRIGGER AND PUSH START CLUTCH TYPE SERIES

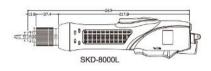


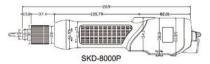
SKD-8000 Series [SKD-8300L/P, SKD-8400L/P, SKD-8500L/P, SKD-8300LF/PF]



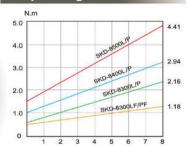
- Torque range : 6~45Kgf.cm (maximum. torque)
- Stable torque within accuracy ±3%.
- Torque is adjustable. Torque fixing ring (KC-1) can be applied to fix the torque.
- Best choice for assembling the computer case and tapping screws.

### **External Dimension**





### **Torque Range Chart**



### Specifications

Mo	del	SKD-8300L/P	SKD-8400L/P	SKD-8500L/P	SKD-8300LF/PF		
Input Voltage			DC32V				
Power Co	nsumption	55W					
	(kgf.cm)	6~22	10~30	15~45	5~12		
Torque	(Lbf.in)	5.22~19.12	8.67~26.02	13.0~39.02	4.34~10.44		
	(N.m)	0.59~2.16	0.98~2.94	1.47~4.41	0.49~1.18		
Repeatable Toro	ue Accuracy(%)		±3	3%			
Torque A	djustment	Stepless					
Free Speed	HI	1000	750	530	2000		
(r.p.m)	LO	700	520	350	-		
Screw Size Dia	Machine Screw	2.6~4.0	3.0~5.0	4.0~6.0	2.0~3.0		
(mm)	Tapping Screw	2.0~3.5	2.6~4.0	3.0~5.0	2.0~2.6		
Weight(g	1)	700					
Length(r	nm)	269					
ESD(An	ti-Static)	✓ (with black housing)					
CE		V					
RoHS		<b>v</b>					
Power (	Controller	SKP-32HL-60W					
Bit Type		A∈		B E	<b>-</b>		













# KILEWS SCREW COUNTER (FOR CARBON BRUSH SCREWDRIVERS) SKP-C32HL [Counter / Power Supply / Slow-Start]







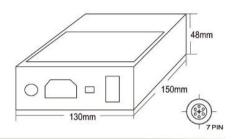
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SKD-C2000 Series, SKD-C5000 Series,

SKD-C7000 Series, SKD-C8000 Series,

Specification	ıs
Model	SKP-C32HL
Input Voltage	AC 110V~240V 50/60Hz
Output Voltage	DC32V / 24V 3A /1.8A
Power Consumption	60W
Count	1~99
Count method	Count-up/Count-down
Work with Sensor	ON/OFF
GATE Sensor	ON(2Sensor)/OFF(1Sensor)
Slow-start time adjustable	0~9.9 seconds
Slow-start speed adjustable	Rated Speed(60%~100%)
Running Time limit-LO	0.01~9.99 seconds
Running Time limit-HI	0.1~9.9 seconds
Reminger Mode	ON/OF/FF/EF with LED and buzzer
Auto ZERO	ON/OFF
External inputs	Sensor/Reset
External outputs	OK/NG/OK all
Screwdriver Control	Speed : HI/LO : Slow-Star
Outside Dimensions	150X48X130(mm)
Weight(Kg)	0.9
Accessories	Power cordX1 Suspension bailX2 Terminal BlockX1

### **External Dimension**



### **Features**

- Auto detect missing screw, screw stripped, floating lock and wrong choosing of screw
- Selectable, auto-reset or manual reset
- The most complete function system such as the setting for SL, SC, RC auto reply the output timing AT, LT, HT, LL. This is the most professional design and choice.
- Slow-start r.p.m can adjust the original r.p.m's 60%-100% by slow-start speed knob.
- Auto-Learning function, to measure the time for screw fastening, is convenient when the users simulate the time of the screw fastening for the special screws.
- Expanding 5 sets data memory. The users can choose single set to operate or 5 sets to operate cyclically like as one screwdriver used as 5 in 1. It's the best choice of screws counter.
- Displaying the quantity of unfinished or fastened screws, and the users can add external sensor switch to avoid any mistake from shortage of screw fastening. And it is able to prompt user automatically while the fastening job is done as setting. Screw counting is also able to connect external devices.
- Setting output input signal (Open Collector) such function is suitable for semi or full automatic. Production line and function for contact point of relay, to prevent operator from improper operation. And make an accurate calculation by signal of sensor.
- Enable to connect with external PLC system to make production line humanistic. Calculate the screws numbers which must be fastened by computer to avoid any unnecessary neglect of screw fastening.



Remark

Applicable Models

# DC-TYPE SCREWDRIVERS(FOR SKP-C32HL ONLY) **KILEWS** SKD-C2000/5000/7000/8000 Series



Mo	del	SKD-C2000L	SKD-C2200L	SKD-C2300L	SKD-C5200L/P	SKD-C5300L/P	SKD-C5300LF/PF
	(kgf.cm)	0.2~3.5	0.5~7	1~10	L 1~12 P 2~12	3~16	LF 1~8 PF 2~8
Torque	(Lbf.in)	0.18~3.01	0.44~6.10	0.89~8.67	L 0.89~10.44 P 1.77~10.44	2.57~13.89	LF 0.89~6.90 PF 1.77~6.90
	(N.m)	0.02~0.34	0.05~0.69	0.1~0.98	L 0.1~1.18 P 0.2~1.18	0.29~1.57	LF 0.1~0.78 PF 0.2~0.78
Specifications	HI	1000	1000	700	1000	1000	2000
Speed (r.p.m)±10%	LO	700	700	500	700	700	-
crew Size Dia	Machine Screw	1.0~2.3	1.4~2.6	1.6~3.0	1.6~3.0	2.3~3.5	1.6~3.0
	Tapping Screw	1.0~2.0	1.4~2.3	1.6~2.6	1.6~2.6	2.3~3.5	1.6~2.6
Weigl	nt(g)	270	270	270	480	480	480
Lengt	h(mm)		LC/213 LB/222		230	230	230



Model		SKD-C7000L/P	SKD-C7200L/P	SKD-C7800L/P	SKD-C7800LF/PF	SKD-C8300L/P	SKD-C8300LF/PF	SKD-C8400L/P	SKD-C8500L/F
	(kgf.cm)	5~18	7~24	8~30	2~10	6~22	5~12	10~30	15~45
Torque	(Lbf.in)	4.34~15.58	6.11~20.8	6.9~26.02	1.77~8.67	5.22~19.12	4.34~10.44	8.67~26.02	13.0~39.02
	(N.m)	0.49~1.76	0.69~2.35	0.78~2.94	0.2~0.98	0.59~2.16	0.49~1.18	0.98~2.94	1.47~4.41
Specifications	HI	1000	750	530	2000	1000	2000	750	530
Speed (r.p.m)±10%	LO	700	520	350	<u></u> -	700	_	520	350
Screw Size Dia	Machine Screw	2.0~3.5	2.6~4.0	3.0~5.0	2.0~3.0	2.6~4.0	2.3~3.5	3.0~5.0	4.0~6.0
(mm)	Tapping Screw	2.0~3.0	2.6~3.5	3.0~4.0	2.0~2.6	2.6~3.5	2.0~3.0	3.0~4.5	3.0~5.0
Weight(g)		600	600	600	600	700	700	700	700
Length(mm)		260	260	260	260		26	9	

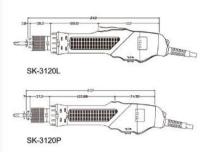
# MEDIUM TORQUE AC-TYPE AUTOMATIC TRIGGER AND PUSH START CLUTCH TYPE SERIES

SK-3 Series [SK-3120L, SK-3180L, SK-3180LF, SK-3220L, SK-3280L, SK-3280LF] [SK-3120P, SK-3180P, SK-3180PF, SK-3220P, SK-3280P, SK-3280PF]

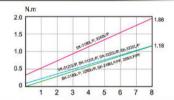


- Extra strong magnet.
- ●Fatigue-resistant for long time using, torque accuracy ±3%
- Compact, light-weight, and easy to operate, improve production efficiency.
- Best fit for laptop and peripherals operation.
- Torque fixable with a fixing ring (KC-6C)

### **External Dimension**



### Torque Range Chart



### Specifications

Мо	odel	SK-3120L SK-3120P	SK-3180L SK-3180P	SK-3180LF SK-3180PF	SK-3220L SK-3220P	SK-3280L SK-3280P	SK-3280LF SK-3280PF					
Input \	/oltage	AC*	110~120V 50/6	60Hz	AC220~240V 50/60Hz							
	(kgf.cm)	L: 1.5~12	L/P:3~19	L = 1.5-12	L = 1.5~12	L/P:3~19	L: 1.5~12					
	(kgr.cm)	P: 2~12	LIF.3~18	P:2~12	P:2-12	DF.3~19	P: 2-12					
Torreito	(Lbf.in)	L: 1.33~10.44	L/P:2.57~16.46	L: 1.33~10.44	L: 1.33~10.44	L/P:2.57~16.46	L: 1.33~10.44					
Torque		P : 1.77-10.44	L/F.2.5/~10.40	P: 1.77-10.44	P : 1.77-10.44	DF.2.37~10.40	P : 1.77-10.44					
	(N.m)	L: 0.15~1.18	L/P:0.29-1.86	L = 0.15~1.18	L: 0.15~1.18	L/P:0.29-1.86	L: 0.15~1.18					
		P: 0.2~11.8	L/F.U.29-1.00	P = 0.2~11.8	P: 0.2~11.8	DF.0.29-1.00	P : 0.2~11.8					
Repeatable Torque Accuracy(%)			±3%									
Torque A	djustment			Step	oless							
Free Spe	eed(r.p.m)	1000	1000	2000	1000	1000	2000					
Power Co	onsumption	0.3A	0.3A	0.3A	0.2A	0.2A	0.2A					
Screw Size Dia	Machine Screw	1.6~3.0	2.6~3.5	2.0~3.0	1.6~3.0	2.6~3.5	2.0~3.0					
(mm)	Tapping Screw	1.6~2.6	2.6~3.0	2.0~2.6	1.6~2.6	2.6~3.0	2.0~2.6					
Weigh	nt(g)		550		550							
Lengt	h(mm)			L/242	P/237							
ESD(/	Anti-Static)	<del>-</del>										
UL(Ar	nti-Static)	_										
CE		-										
RoHS		V										
Bit Ty	ре											









### HIGH TORQUE AC-TYPE AUTOMATIC

### TRIGGER AND PUSH START CLUTCH TYPE SERIES

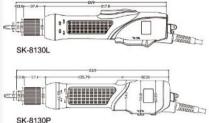
**SK-8 Series** [SK-8130L/P(LF/PF), SK-8140L/P(LF/PF), SK-8150L/P, SK-8230L/P(LF/PF), SK-8240L/P(LF/PF), SK-8250L/P]



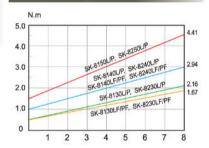


- ●Torque range 5-45kgf.cm (High torsion).
- Stable torque within accuracy ±3%.
- Best fit for computer case and tapping screw operation.
- SK-8140LF/PF and SK-8240LF/PF models with exceeding 30kgf.cm torque and 1,000r.p.m speed output are special design of the tapping screw to joint monitor exterior assemblies.
  - ※Conform to EMI, EMC International Safety Sandards.

### **External Dimension**



### **Torque Range Chart**



### **Specifications**

Мо	Model					SK-8140LF SK-8140PF				SK-8230LF SK-8230PF			
Input \	Input Voltage			~120V	50/60Hz		AC220V~240V 50/60Hz						
	(kgf.cm)	5-22	10-30	15~45	5-17	10-30	5-22	10-30	15~45	5-17	10-30		
Torque	(Lbf.in)	4.34~19.12	8.67~26.02	13~39.02	4.34-14.78	8.67~26.02	4.34~19.12	8.67~26.02	13~39.02	4.34-14.78	8.67-26.02		
	(N.m)	0.49~2.16	0.98~2.94	1.47~4.41	0.49~1.67	0.98-2.94	0.49-2.16	0.98-2.94	1.47~4.41	0.49~1.67	0.98~2.94		
Repeatable Toro	Repeatable Torque Accuracy(%)			±3%									
Torque A	Stepless												
Free Spe	1000	700	500	1900	1000	1000	700	500	1900	1000			
Power Co	nsumption	0.4A	0.4A	0.4A	0.4A	0.4A	0.3A	0.3A	0.3A	0.3A	0.3A		
Screw Size Dia	Machine Screw	2.6~4.0	3.0~5.0	4.0-6.0	2.3-3.5	3.0~5.0	2.6~4.0	3.0~5.0	4.0-6.0	2.3-3.5	3.0~5.0		
(mm)	Tapping Screw	2.0-3.5	2.6~4.0	3.0-5.0	2.3-3.0	2.6~4.0	2.0~3.5	2.6~4.0	3.0-5.0	2.0-3.0	2.6~4.0		
Weight(	(g)	700											
Length(	(mm)	269											
ESD(Ar	nti-Static)					-	-,-						
UL(CUI	_)					-							
CE	CE			- v									
RoHS	RoHS			<b>v</b>									
Bit Type		A D D					BEE .						









### KILEWS MEDIUM TORQUE AC-TYPE AUTOMATIC TRIGGER AND PUSH START CLUTCH TYPE SERIES

SK-9 Series [SK-9131L/P(LF/PF), SK-9231L/P(LF/PF)]



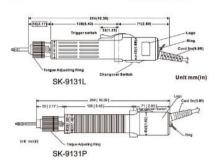
### SK-9131L, SK-9231L, SK-9131LF, SK-9231LF

- Small outer dimension, light-weight.
- Mid-range torque 5-20 kgf.cm.
- High rotation speed, torque accuracy ±3%.
- Best fit for general machine screws operation.
- Torque adjustable and fixable with a fixing ring (KC-2).

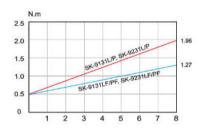
### SK-9131P, SK-9231P, SK-9131PF, SK-9231PF

- Small outer dimension, light-weight.
- Mid-range torque 5-20 kgf.cm.
- High rotation speed, torque accuracy ±3%.
- Best fit for general machine screws operation.
- Torque adjustable and fixable with a fixing ring (KC-2). \*Conform to EMI, EMC International Safety Standards.

### **External Dimension**



### **Torque Range Chart**



### Specifications

Mo	del	SK-9131L	SK-9131P	SK-9131LF	SK-9131PF	SK-9231L	SK-9231P	SK-9231LF	SK-9231PF
Input \	/oltage	А	C110~120	OV 50/60Hz			AC220~24	0V 50/60Hz	z
	(kgf.cm)	5-	-20	5~	13	5~20		5~13	
Torque	(Lbf.in)	4.34~	4.34~17.35		11.24	4.34~	17.35	4.34~11.24	
	(N.m)	0.49~1.96		0.49-	1.27	0.49~1.96		0.49~1.27	
Repeatable Torq	ue Accuracy(%)				±3	%			
Torque A	djustment				Step	less			
Free Speed(r.p.m)		1000		20	00	10	000 20		000
Power Co	Power Consumption		3A	0.3	BA	0.2A		0.2A	
Screw Size Dia	Machine Screw	2.6	-4.0	2.0~	3.5	2.6~4.0		2.0~3.5	
(mm)	Tapping Screw	2.6	2.6~3.5		3.0	2.6~3.5		2.0~3.0	
Weight	(g)				62	20			
Length	(mm)	264							
ESD(A	nti-Static)	_							
UL(CU	L)	_							
CE		_							
RoHS		<b>v</b>							
Bit Type				*	ВЩ		D _		Ē.











# LOW TORQUE AC-TYPE SEMI- AUTOMATIC TRIGGER START CLUTCH TYPE SERIES

SK-2 Series [SK-205LS, SK-215LS, SK-2205LS, SK-2215LS]

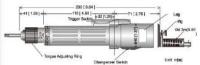




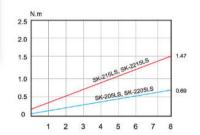
### AC plug; no adaptor needed.

- •Inner dual insulator which is conforming to the international safety standard. 100% safe, light and handy, easy to use and appearance fits in with ergonomics logic.
- Precise torque. It is adjustable from small to large but speed stays constant. The rotation speed is fast and also light and handy. Boost productively.
- Best choice for general electronic appliances, such as lamps, small home appliances, toys and etc.

### **External Dimension**



### **Torque Range Chart**



### Specifications

Мо	del	SK-205LS	SK-215LS	SK-2205LS	SK-2215LS				
Input \	/oltage	AC110~120	OV 50/60Hz	AC220~24	OV 50/60Hz				
	(kgf.cm)	0.5~7	2~15	0.5~7	2~15				
Torque	(Lbf.in)	0.44~6.10	1.77~13	0.44~6.10	1.77~13				
	(N.m)	0.05~0.69	0.2~1.47	0.05~0.69	0.2~1.47				
Repeatable Torq	ue Accuracy(%)	±5%							
Torque A	djustment	Stepless							
Free Speed(r.p.m)		1100	1100	1000	1000				
Power Consumption		0.3A	0.3A	0.2A	0.2A				
Screw Size Dia	Machine Screw	1.6~3.0	2.0~4.0	1.6~3.0	2.0~4.0				
(mm)	Tapping Screw	1.4~2.0	2.0~3.0	1.4~2.0	2.0~3.0				
Weight(	g)	480							
Length(	mm)	230							
ESD(An	ti-Static)	_							
UL(CUL	.)	-							
CE		<u>~</u>							
RoHS		<b>v</b>							
Bit Type		A	B C	-11.5 ×  →  -17 	1 - 20.5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				











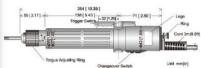
# MEDIUM & HIGH TORQUE AC-TYPE SEMI- AUTOMATIC TRIGGER START CLUTCH TYPE SERIES

**SK-2 Series** [SK-2125LS/LSF, SK-2135LS, SK-2145LS] [SK-2225LS/LSF, SK-2235LS, SK-2245LS]

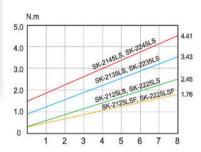


- ■Torque range is from 5-45kgf.cm.,Torque accuracy ±5%
- Easy to operate and able to improve production efficiency
- Suitable when assembling for the out shell screws of general home electric appliances.
- The best choice when composing the tapping screws under 5mm diameter.

### **External Dimension**



### Torque Range Chart



### Specifications

Mo	del	SK-2125LS	SK-2135LS	SK-2145LS	SK-2125LSF	SK-2225LS	SK-2235LS	SK-2245LS	SK-2225LSF		
Input \	/oltage	Α	C110~12	OV 50/60	Hz	A	C220~24	0V 50/60	Hz		
	(kgf.cm)	5~25	10~35	15~45	5~18	5~25	10~35	15~45	5~18		
Torque	(Lbf.in)	4.34~21.68	8.67~30.35	13~39.02	4.34~15.58	4.34~21.68	8.67~30.35	13~39.02	4.34~15.58		
	(N.m)	0.49-2.45	0.98~3.43	1.47~4.41	0.49~1.76	0.49~2.45	0.98~3.43	1.47~4.41	0.49~1.76		
Repeatable Toro	Repeatable Torque Accuracy(%)		±5%								
Torque A	djustment				Step	less					
Free Speed(r.p.m)		1000	830	550	2000	1000	700	500	2000		
Power Consumption		0.3A	0.3A	0.3A	0.3A	0.2A	0.2A	0.2A	0.2A		
Screw Size Dia	Machine Screw	2.6~5.0	2.6~5.0	3.0~6.0	2.0~4.0	2.6~5.0	2.6~5.0	3.0~6.0	2.0~4.0		
(mm)	Tapping Screw	2.6~3.5	2.6~4.0	3.0~5.0	2.0~3.5	2.6~3.5	2.6~4.0	3.0~5.0	2.0~3.5		
Weight(9	)	600									
Length(n	nm)	264									
ESD(Ant	ti-Static)	-									
UL(CUL)	)	2									
CE		-									
RoHS	V										
Bit Type			AE		=	i		<b>.</b>			







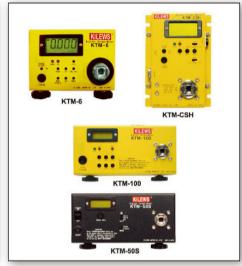




# TORQUE METERS KTM-100, KTM-10, KTM-6, KTM-50S, KTM-CSH







The torque meters are directly produced in Japan, authorized by Kilews Industrial Co., Ltd. by ODM. Each product will be provided with an Adjustment Certificate and one year Warranty in normal using. Take Note! These measuring instruments could not be applied in testing the pneumatic screwdriver products and prohibited in measuring the torque exceeding maximum measuring range of torque meters.

### KTM-10, KTM-100

- •LED can identify the test range of torque setting by needed user. If the result is not complying to torque range setting, light will be warned.
- •USB 1.0 connector is only used for data output: it is convenient for user to work with computer.
- Auto-zero can be selected and zero reset becomes unnecessary for user.
- Automatically test values about maximum, minimum and mean.

Specif	ications									
Мо	del	KTM-100	KTM-10	KTM-6	KTM-50S	KTM-CSH				
1404	(kgf.cm)	1.5~100.0	0.15~10.0	0.020~6	1~50.0	30.0~200.0				
Measuring Ranges	(Lbf.in)	1.5~90.0	0.15~9.0	0.020~5.4	1~45.00	30.0~180.0				
ranges	(N.m)	0.15~10.00	0.015~1.0	0.002~0.6	0.1~5.00	3.00~20.00				
Accu	racy	With in ±0.5%								
Power	Supply			1.2V batteryX5						
Chargin	ig Time			With in 8 hours						
Continuous Operat	tion At Full Charge	12 hours								
Batt	tery	Rechargeable 300 times or more								
Dimensi	on(mm)	123X23	30X65(H)	160X125X55(H)	123X230X65(H)	180X130X34(H)				
Weigh	nt(kg)	2	2.0	1.2	2.0	1.5				
Special	Charger	Input AC1	00V~240V Output DC1	2V 500mA	Input AC120V, 220~240V	Output DC7.5V 500mA				
Acces	ssory	Torque measuring adaptorX2 SJ-10K & SJ-50	Torque measuring adaptorX2 SJ-3 & SJ-10	Torque measuring adaptorX1 SJ-3	Torque measuring adaptorX1 J-50S	Torque measuring adaptorX1 SJ-100 socketX1				

### KILEWS SCREW FEEDER KFR-1050



Prompt delivery and steady screw feeding are the important factors of a screw feeder. We have collected feedbacks from all brands users for their opinions to develop this screw feeder. We integrated our advantages with other brands and eliminated detriments that occurred on other brands. As the result, win situation is provided to both our distributors and customers. Please read operation manual before operating in order to achieve the max value of the screw feeder.

### Specifications

Model Name & Number	KFR-1050 Automatic Screw Feeder				
Size	182(L)X126(W)X147(H) mm				
Weight	N.W.: Approx 2.17 Kgs (excluding switching adaptor)				
Power Source	AC 100~240V				
Switching Adaptor	DC 15V Switching Adaptor				
Applicable Screw	From M1.0 to M5.0				
Applicable Screw Length	Up to 19mm(under head)				
Scooping Chamber Capacity	200~220 cc				
	Allen Wrench (L Shaped 2.0 x 107 mm) X1 pc.				
	Switching Adaptor x 1 Set.				
	Accessory(front) (0.8 , 1.0 , 1.2 , 1.5 , 2.0 x 70 mm)X1 pc				
Accessories (in package & box)	Accessory(behind) (0.2 x 10 x 20 mm)X2 pcs (0.5 x 10 x 20 mm)X10 pcs.				
	Stopper 2.0~5.0mmX1 pc.				
	Instruction Manual				
D 1 0	Each Set/Box : 282(L)X142(W)X201(H)mm				
Package Size	Each Carton: 450(L)X310(W)X435(H)mm				
Package Weight	Each Set/Box G.W: Approx 2.63 Kgs				
(Including Machine)	Each Carton G.W: Approx 16.53 Kgs(One Carton=6 Sets				

### **Features**

### **WIDEST RANGE OF APPLICABLE SCREW SIZES:**

Between 1.0-5,0mm (Incl.; 1.0mm.1.2mm, 1.4mm, 1.7mm 2.0mm, 2.3mm, 2.6mm, 3.0mm, 3.5mm, 4.0mm, & 5.0mm,) 11 SIZES

MAX OF SCREWS LENGTH & HOPPER CAPACITY:

Screw Length: Up to 19mm (under screw head)

### Capacity of hopper: 200-220 c.c APPLICABILITY OF SPECIAL SCREW TYPES:

Screw Length Thread Diameter (1=1, 1<1) Thickness of screw head 0.2mm No jamming or failure occurred with these applicable types and

### affect productivity. SIZE OF FEEDING RAIL IS ADJUSTABLE:

Feeding rail can be pulled out for width adjusts to the applied sizes easily. Measurements for width adjusting can be in metric or imperial units.

### SAVE PARTS COSTS & STOCK :

KFR-1050 allows adjusting the width of feeding rail to serve 11 sizes screws, between 1.0mm to 5.0mm diameter. The flexibility prevents dealers from stocking up on quantities for different sizes, and reduces the cost on related accessories for users.

• ADJUSTABLE VIBRATION INTENSITY:

With vibration in small amplitude at high strength, it moves screws On rail to pick-up point in good order, no overlay or jamming to affect the speed of movement and productivity.

### HUMANIZED MULTI PROGRAMMING CONTROL

\*Individual drive system for feeding and vibrating operation. \*Setting for suitable stop time without interapt to operate.

\*Equipped ground wire, socket & buzzer for operative safety and alarm signal

\*PCB controls for efficiencies of desired speed & timing on each operating step.

Switching Adaptor allowed AC 100-240V power source for stable DC 15V output No influences and problems due to the different. AC power source of factories locations.

### Other functions

PCB designed with short circuit and over load protection. Screw feeder and PCB grounding connection is also available. Power On/Off buzzer alert and blinking LED indicator



### SCREW FEEDER (FOR VACUUM TYPE SCREWDRIVER AND AUTOMATION SYSTEM) KFA-0830





Prompt delivery and steady screw feeding are the important factors of a screw feeder. We have collected feedbacks from all brands users for their opinions to develop this screw feeder. We integrated our advantages with other brands and eliminated detriments that occurred on other brands. As the result, win situation is provided to both our distributors and customers. Please read operation manual before operating in order to achieve the max value of the screw feeder.

### Other functions

PCB designed with short circuit and over load protection. Screw feeder and PCB grounding connection is also available. Power On/Off buzzer alert and blinking LED indicator.

### **Specifications**

Model Name & Number	KFA-0830 Automatic Screw Feeder				
Size	182(L)X124(W)X146(H) mm				
Weight	3.0kg (w/o adapter)				
Power Source	AC 100~240V				
Switching Adaptor	DC 12V Switching Adaptor				
Applicable Screw	From M0.8~M3.0				
Applicable Screw Length	1.0~15 mm				
Applicable Screw Dia.	1.2~9.5 mm				
Horizontal Delivery Speed	46~50 pcs/min (1.2~1.3 Sec)				
Feeding	Chamber Blanking				
Scooping Chamber Capacity	200~220 c.c				
	Allen Wrench (L Shaped 2.0 x 107 mm) x 1 pc.				
	Switching Adapter x 1 Set.				
Accessories	Accessory (front) (0.8, 1.0, 1.2, 1.5, 2.0 x 70mm) X 1pc.				
(in package & box)	Accessory (behind) (0.2 x 10 x 20mm) X 2pcs. (0.5 x 10 x 20mm) X 6pcs.				
	Instruction Manual + Signal Output Module				

### **Features**

●WIDEST RANGE OF APPLICABLE SCREW SIZES :

Between 0.8-3.0mm (Incl.: 1.0mm, 1.2mm, 1.4mm, 1.7mm, 2.0mm, 2.3mm, 2.6mm, 3.0mm) 8 sizes.

MAX OF SCREWS LENGTH & HOPPER CAPACITY:

Screw Length : Up to 15mm (under screw head) Capacity of hopper : 200~220 c.c

### APPLICABILITY OF SPECIAL SCREW TYPES :

Screw Length: Thread Diameter (1=1, 1<1)
Thickness of screw head 0.2mm

No jamming or failure occurred with these applicable types and affect productivity.

### BRUSHLESS MOTOR :

Adopting durable made in Japan brushless motor.

### ●ADJUSTABLE RAILWAY :

High precision wire cut adjustable railway. Adjustable rail, screw size from 0.8mm up to 3.0mm.

### ●HORIZONTAL LINEAR FEEDING

Horizontal linear feeding, adopting durable aluminum extruded rail.

Screws are carried on a horizontal track for smooth feeding.

### ADOPTING MULTI-FUNCTIONAL

Adopting multi-functional smart PCB with material shortage alert and screw taking counting function in digital display. ( Please contact our service center for detail information.)

### SIGNAL OUTPUT FUNCTION :

With screws in position signal output function.



### KILEWS IDLY ROTATING TORQUE SCREWDRVIER

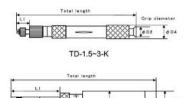
TD Series [TD-1.5K, TD-3K, TD-6K, TD-12K, TD-20K, TD-30K, TD-50K]

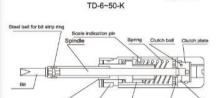


### Idly rotation prevents excessively tightening at the torque setting. Not wear out with a long time use.

- Light and short, easy to operate, and favorable sound touch sensibility at idly rotation.
- Set up required torque value and tightened, everyone can tighten in the same way.
- When reaching specified torque, the clutch well be released automatically, and idly rotated, therefore this action prevents excessively tightening.
- ■(⊕) and (⊕) bit 2pc, respectively are attached.
- Various bits are prepared.
- Used for both left and right turns.
- Max. accurancy ±3% and 1 scale assured.

### Screwdrivers Composition





Adjusting sheet The above picture is kgf.cm type

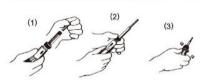
Grip diameter

Rotating shee

### Screwdrivers Assembling Line

Adjusting ring

Adjusting screw



- (1)Select a bit to match screw.
- (2)Rotate the adjusting ring and set a torque.
- (3) Tighten the screw until idly rotated. Available for both left and right

### Specification

	Torque	Minimum	Grip diameter.	Total lenght		Main si	ze(mm)		Modelet	Attachment Bit	
Model	range	graduation.	(mm)	(mm)	Body				Weight	Attacriment bit	
LTDK	kgf.cm		ΦD4	mm	L1	.1		ФD3	g	$\oplus$	<b>⊕</b>
TD-1.5K	0.1~1.5	0.01	16	97	9		14.5		45	No.1	No.0
TD-3K	0.2~3	0.02	16	97	9		14.5		45	No.1	No.0
TD-6K	0.5~6	0.05	20	110	40	10		20	80	No.1	No.1
TD-12K	2~12	0.1	25	157	57	10		25	130	No.1	No.1
TD-20K	4~20	0.1	25	157	57	10		25	200	No.1	No.2
TD-30K	4~30	0.1	25	157	57	10		25	200	No.2	No.2
TD-50K	10~50	0.25	35	166	45	10		34	420	No.2	No.3

### **ACCESSORIES**

KILEWS

KP-VAR, KP-VA1

Auxiliary Arm KP Series 【 KP-AUX1T, KP-VAR, KP-VA1, KP-AUX2, KP-AUX5】
【 KP-AUX-C/E/B/D 】



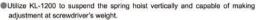
### **Auxiliary Arm**

### KP-AUX1T

- Provide with the rocker arm, enable to revolve on 360 degrees.
- Main shaft can be extended to maximum 830mm
- Power arm inside includes nitrogen gas stick, allow user to grab the arm easily, automatic lift up to position after finishing the work.
- Easy to assemble and Disassemble.
- Optional accessory KP-VA1, KP-VAR(90 degree adapter) is available for user to Adjust angle in accordance with the object to be fastened.

### KP-AUX2, KP-AUX5

- Main shaft can be extended to maximum 340mm
- Steady bearing in horizontal direction for screwdriver to act in vertical precisely.

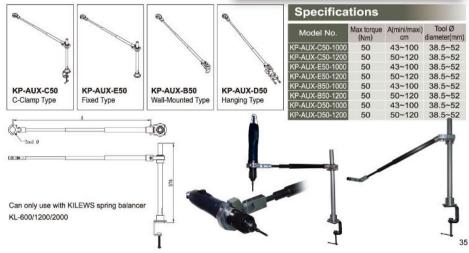


- Steady screwdriver with 4 sides of plate, the screwdriver head of horizontal and vertical position becomes more accurate.
- Applying to low torque , high precision screwdriver, most suitable for small objects.











KILEWS ACCESSORIES
Screwdriver I/O Signal Control Box (For Manual / PLC) Slow Start Control Module > 90° Degree Attachment [KL-SCBSN, KL-SSBN, KL-1, KL-2, KZ-1, KL-M-1, KL-M-2]

### Screwdriver I/O Signal Control Box (For Manual / PLC)



### KL-SCBSN

- Slow Start time (0.0-9.9 second)
- Slow start Speed Level (30%-100% of normal speed,L0-L9)
- Operation Time (0.0-9.9 second)
- Target Reached Confirm (enable / disable)
- Brake Signal Hold Time (start off / next start off)
- External Start Input Control
- External Reverse Input Control
- Signal output (Start, Stop, Reverse)









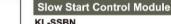




BN SCREWDRIVER

KI -SCBSN/KI -SSBN

BN series Power Controller





- BYPASS : Automatically disable slow start function when screwdriver in reverse rotation, easier to reverse screws.
- Adjustable slow start speed from 30% to 100% of normal speed, Slow start level setting from L1-L2-L3-....L9-L0
- Provide output start signal/ break signal/ forward and reverse signal with MOS relay switch
- Compatible with KILEWS Brushless DC SKD-BN series
- Slow start time can be set from 0.1 s up to 9.9 second
- Dimension: 58x95x35mm (LxWxH)

	90° Degree Attachment Applicable Model								
KL-1	SKD-BN730L, SKD-7000L, SKD-7200L, SKD-8500L, SKD-8730L SKD-7800L, SKD-8300L, SKD-8400L, SKD-8500L, SKD-8730L SK-8130L, SK-8230L, SK-8140L, SK-8240L, SK-8150L, SK-8250L, SK-9131L, SK-9231L, SK-9130L, SK-9230L, SK-9140L, SK-9240L, SK-9150L, SK-9250L,								
KL-2	SKD-5200L, SK-3220L, SK-3180L, SKD-BN512L SKD-5300L, SK-3120L, SK-3280L, SKD-BN519L								
KZ-1	SKD-B100 series (only for SKD-B113LZ)								
KL-M-1	SKD-B100 series (only for SKD-B123KLM)								
KL-M-2	Screwdriver should be customized								
The state of the s	WOOD for BUILDings about a considering								

# 90° Degree Attachment

### **ACCESSORIES**

KH, KC Series [KH-1, KH-2, KH-3, KH-4, KH-5]

[KC-1, KC-2, KC-3, KC-4, KC-6C, KC-7C, KC-9C, KC-13C]





Susper	sion Rack								
		Applica	ble Models						
КН-1	SK-2125LS(&KC), SK-2225LS(&KC), SK-9131L/P(&KC), SK-9140LF/PF(&KC), SK-9140LF/PF(&KC), SK-9230LF/PF(&KC), SK-8150L/P(&KC), SK-8240L/P(&KC), SKD-7000L/P(&KC), SKD-8300L/P(&KC),	SK-2135LS(&KC), SK-2235LS(&KC), SK-9131LF/FF(&KC), SK-9140L/P(&KC), SK-9230L/P(&KC), SK-9240LF/FF(&KC), SK-8130LF/F(&KC), SK-8250L/P(&KC), SKD-7200L/P(&KC), SKD-8400L/P(&KC),	SK-2145LS(&KC), SK-2245LS(&KC), SK-9231LIP(&KC), SK-9150LP(&KC), SK-9130LP(&KC), SK-8130LP(&KC), SK-8140LF/PF(&KC), SK-8230LF/PF(&KC), SKD-7800L/P(&KC), SKD-8500L/P(&KC),	SK-2125LSF(&KC), SK-2225LSF(&KC), SK-9231LF/PF(&KC), SK-9130LF/PF(&KC), SK-9140LP/F(&KC), SK-8230L/P(&KC), SK-8230LF/PF(&KC), SKD-7800LF/PF(&KC), SKD-8300LF/PF(&KC),					
KH-2	SKD-7000L/P,         SKD-7200L/P,         SKD-7800LFP,           SKD-7800LF/PF,         SK-3120LF/(two color &KC),         SK-3180LF/(two color &KC),           SK-3180LF/PF(two color &KC),         SK-3220LP/(two color &KC),         SK-3280LP/(two color &KC),           SK-3280LF/PF(two color &KC),         SKD-5200LP/(two color &KC),         SKD-8N512LF/PF(&KC),           SKD-8N512LP/(&KC),         SKD-8N519LP/(&KC),         SKD-8D512LP/(&KC),           SKD-BE512LP(&KC),         SKD-BE519LP/(&KC),								
КН-3	SK-9130LIP, SK-9140LIP, SK-9150LIP, SK-9140LF/PF, SK-9130LF/PF, SK-9230LIP, SK-9240LIP, SK-9250LIP, SK-9250LIP, SK-9240LIP, SK-9250LIP, SK-9250LIP, SK-9130LIP, SK-8140LIP, SK-8150LIP, SK-8130LIP, SK-8140LIP, SKD-8500LIP, SKD-8500LIP, SK-9300LIP, SK-8230LIP, SK-8250LIP,								
КН-4	SK-3 Series, SKD-5200L/P, SKD-5300L/P, SKD-5300LF/PF, SKD-BN512L/P, SKD-BE512L/P, SKD-BE512LF/PF, SKD-BE519L/P, SKD-BE517LF/PF, SKD-BN519L/P, SKD-BN512LF/PF, SKD-2000L, SKD-2200L, SKD-2300L, SK-205LS, SK-215LS, SK-2205LS, SK-2215LS,								
KH-5	SKD-BN203L(&KC), SKD-BN207L(&KC), SKD-BN210L(&KC), SKD-BN203L, SKD-BN207L, SKD-BN210L,								



Torque Fixing Ring			
	Applicable Models		
KC-1(S)	SK-8230L/P(LF/PF), SK-8240L/P(LF/PF), SK-8250L/P, SK-9150L/P, SK-9130L/P(LF/PF), SK-9140L/P(LF/PF), SKD-8300L/P, SKD-8400L/P, SKD-8500L/P, SKD-8300LF/PF,		
KC-2(S)	SKD-7000LiP, SKD-7200LiP, SKD-7800LiP, SKD-7800LF/PF, SK-9131LiP, SK-9231LiP, SK-2125LS, SK-2135LS, SK-2145LS, SK-225LSF, SK-225LSF, SK-2235LS, SK-2225LSF, SK-2235LSF, SK-2235LSF, SK-2235LS, SK-2235LS, SK-2235LSF,		
KC-3(S)	SK-205LS, SK-215LS, SK-22205LS, SK-2215LS,		
KC-4C(S)	SKD-2000L, SKD-2200L, SKD-2300L		
KC-6C(S)	SK-3 Series, SKD-5300L/P, SKD-5200L/P(LF/PF), SKD-BN500 Series, SKD-BE500 Series,		
KC-7C(S)	SKD-BN700 Series,		
KC-9C(S)	SKD-B100L, SKD-B103L,		
KC-13C(S)	SKD-BN203L, SKD-BN207L, SKD-BN210L,		

ESD need special order (S) series

# ACCESSORIES SPIRAL CABLE and KW, PG, LG, KL, KB Series

[KW-1/KW-3/KW-4. PG-1/LG-2/LG-8/PG-8/LG-10/PG-10/LG-11] [KL-2000/KL-1200/KL-600, KB-1/KB-2/KB-3]



### **Spiral Cables**

### **Applicable Models**

Supplying spiral cable for all of KILEWS screwdrive with 4 pin or 6 pin.(B100 and B200 series are not included.)

Note: Cable can be extended up to 3M



### **Torque Adjuster**

### **Applicable Models**

SK-8 Series, SK-9 Series, SKD-7000 Series, SKD-8000 Series, SK-2125LS, SK-2135LS, SK-2145LS, SK-2125LSF, SK-2225LS, SK-2235LS, SK-2245LS, SK-2225LSF, KW-1

SK-5125LS, SK-5135LS, SK-5145LS, SK-5125LSF, SK-5225LS, SK-5235LS, SK-5245LS, SK-5225LSF, SKD-BN700 Series

KW-3

KW-4

SK-3120L/P, SK-3180L/P, SK-3220L/P, SK-3280L/P, SKD-5200L/P, SKD-5300L/P, SKD-5300LF/PF, SKD-BN500 Series, SKD-BE500 Series,

SKD-2000 Series, SKD-BN200 Series,

### Pistol Grip

-	Applicable Models
PG-1	SK-9P Series
LG-2	SK-9L Series
LG-8	SKD-BN700L Series
PG-8	SKD-BN700P Series
LG-10	SKD-BN500L Series
PG-10	SKD-BN500P Series
LG-11	SKD-BE500L Series
PG-11	SKD-BE500P Series



### **Screw Setter**

	Applicable Models
KB-1	M1.7~2.0 Screw available
KB-2	M2.0~2.6 Screw available
KB-3	M3.0~4.0 Screw available



	Balancer
	Applicable Models
KL-600 0.3~0.6kg	SKD-2000L, SKD-2200L, SKD-2300L, SKD-BN203L, SKD-BN207L, SKD-BN210L, SKD-B100, SKD-B103L
KL-1200 0.6~1.5kg	USE FOR ALL MODELS (TBN, RBN and BN900 series are not included.)
KL-2000 1.0-2.0kg	USE FOR ALL MODELS

