

ACCESSORIES

Spring Balancer



Accessories	Model	Applicable Models
Spring Balancer	KL-2000 (1.0-2.0kg)	All Series
	KL-1200 (0.6-1.5kg)	All Series
	KL-600 (0.3-0.6kg)	BSD-3000L Series

Torque Locker



Accessories	Model	Applicable Models
Torque Fixing Ring	KC-1(S)	BSD-9000L/P/LF/PF Series
	KC-2(S)	BSD-8000L/P/LF/PF Series TKS-2500LS/LSF
	KC-3(S)	TKS-3500LS, TKS-4500LS
	KC-4(S)	BSD-3000L Series
	KC-6C(S)	BSD-6000L/P/LF/PF Series

Pistol Grip



Accessories	Model	Applicable Models
Pistol Grip	PG-1	BSD-9000P/PF Series
	LG-2	BSD-9000L/LF Series

Torque Adjuster



Accessories	Model	Applicable Models
Torque Adjuster	KW-1	BSD-8000L/P/LF/PF Series BSD-9000L/P/LF/PF Series TKS-2500LS/LSF TKS-3500LS, TKS-4500LS
	KW-3	BSD-6000L/P/LF/PF Series
	KW-4	BSD-3000L Series

Angle Attachment



Accessories	Model	Applicable Models
Angle Attachment	KL-1	BSD-8000L Series BSD-9000L Series
	KL-2	BSD-6000L Series

Auxiliary Arm



Accessories	Model	Applicable Models
Auxiliary Arm	KP-AUX1T	BSD-9000L/P/LF/PF Series

Screwdriver Holder



Accessories	Model	Applicable Models
Suspension Rack	KH-1 (With KC)	BSD-8000L/P/LF/PF Series BSD-9000L/P/LF/PF Series TKS-2500LS/LSF TKS-3500LS, TKS-4500LS
	KH-2 (With KC)	BSD-6000L/P/LF/PF Series
	KH-2 (Without KC)	BSD-8000L/P/LF/PF Series
	KH-3 (With KC)	BSD-3000L Series
	KH-3 (Without KC)	TKS-2500LS/LSF TKS-3500LS, TKS-4500LS BSD-9000L/P/LF/PF Series
	KH-4 (Without KC)	TKS-1300LS, TKS-1500LS BSD-3000L Series BSD-6000L/P/LF/PF Series

BSD Electric Screwdrivers

Economic & User Friendly Industrial Screwdriver For Production Line.



Series	Model	Input Voltage	Torque (N.m)	Power Consumption	Speed (r.p.m)	Screw Size (mm)	Starting Method	Power Controller	Bit Type	ESD	RoHS
AC-TYPE NON SHUT OFF SCREWDRIVER	TKS-1300LS	AC 220~240V	0.05-0.69	48W	1000	1.4~2.6	TRIGGER START		B,C,D		✓
	TKS-1500LS		0.19-1.47	48W	1000	2.0~4.0				✓	
	TKS-2500LS		0.49-2.45	50W	1000	2.6~4.0				✓	
	TKS-2500LSF		0.49-1.76	50W	2000	2.6~4.0				✓	
	TKS-3500LS		0.98-3.43	50W	700	3.0~5.0				✓	
TKS-4500LS	1.47-4.41	50W	500	4.0~6.0		✓					

Series	Model	Input Voltage	Torque (N.m)	Power Consumption	Speed (r.p.m)	Screw Size (mm)	Starting Method	Power Controller	Bit Type	ESD	RoHS
DC-TYPE NON SHUT OFF SCREWDRIVER ※(X)With Tool Box	BSD-101L	DC 36V	0.05-1.5	36W	1100	1.6-4.0	TRIGGER START	BSD-36P	D		✓
	BSD-101L(X)		0.05-1.5	36W	1100	1.6-4.0		B		✓	
	BSD-102L(X)		0.4-3.5	45W	1000	2.6~5.0		B		✓	
	BSD-102LF(X)	0.5-3.0	45W	2000	2.6~5.0				✓		
	BSD-1000L	DC 32V	0.05-0.69	48W	1000	1.4~2.6		BSD-36P-60WF	C,D		✓
	BSD-1200L		0.19-1.47	48W	1000	2.0~4.0				✓	

Series	Model	Input Voltage	Torque (N.m)	Power Consumption	Speed (r.p.m)	Screw Size (mm)	Starting Method	Power Controller	Bit Type	ESD	RoHS
DC-TYPE SHUT OFF SCREWDRIVER ※(C)Only Use With BSP-C32HL Counter ※(V) Vacuum Type Screwdriver	BSD-(C)3000L	DC 24 or 32V	0.03-0.34	25W	1000/700	1.0-2.3	TRIGGER START	BSP-32HL-40W (BSP-C32HL)	B,C	✓	✓
	BSD-(C)3200L	DC 24 or 32V	0.06-0.69	25W	1000/700	1.4-2.6				✓	✓
	BSD-(C)3300L	DC 24 or 32V	0.1-0.98	25W	700/500	1.6-3.0				✓	✓
	BSD-V3000L	DC 24 or 32V	0.03-0.34	25W	1000/700	1.0-2.3		BSP-32HL-60W		✓	✓
	BSD-V3200L	DC 24 or 32V	0.06-0.69	25W	1000/700	1.4-2.6				✓	✓
	BSD-V3300L	DC 24 or 32V	0.1-0.98	25W	700/500	1.6-3.0				✓	✓
	BSD-(C)6200L/P	DC 24 or 32V	0.1-1.18/0.19-1.18	48W	1000/700	1.6-3.0	TRIGGER/ PUSH START	BSP-32HL-60W (BSP-C32HL)	A,B	✓	✓
	BSD-(C)6600L/P	DC 24 or 32V	0.29-1.57	48W	1000/700	2.3-3.5			C,D	✓	✓
	BSD-(C)6600LF/PF	DC 32V	0.1-0.78/0.19-0.78	48W	2000	1.6-3.0				✓	✓
	BSD-(C)8000L/P	DC 24 or 32V	0.49-1.76	50W	1000/700	2.0-3.5		BSP-32HL		✓	✓
	BSD-(C)8200L/P	DC 24 or 32V	0.69-2.35	50W	750/520	2.6-4.0				✓	✓
	BSD-(C)8800L/P	DC 24 or 32V	0.78-2.94	50W	530/350	3.0-5.0			A,B	✓	✓
	BSD-(C)8800LF/PF	DC 32V	0.2-0.98	50W	2000	2.0-3.0			✓	✓	
	BSD-(C)9300L/P	DC 24 or 32V	0.59-2.16	55W	1000/700	2.6-4.0			✓	✓	
	BSD-(C)9300LF/PF	DC 32V	0.49-1.18	55W	2000	2.0-3.0			✓	✓	
	BSD-(C)9400L/P	DC 24 or 32V	0.98-2.94	55W	750/520	3.0-5.0			✓	✓	
	BSD-(C)9500L/P	DC 24 or 32V	1.47-4.41	55W	530/350	4.0-6.0			✓	✓	
	BSD-8820LF/PF	DC 32V	0.39-1.96	55W	2000	2.0-3.5			✓	✓	
BSD-9450LF/PF	DC 32V	1.47-4.41	55W	1000	4.0-6.0			A,B	✓	✓	

※Bit Types "A"-Bit in SS 5mm Hexagon ◯"B"-Bit in SS 6.35mm Hexagon ◯"C"-Bit in M3 4øRound ◯"D"-Bit in M6 5øRound ◯



Series	Model	Power	Input Voltage	Output Voltage	Dimensions	Weight	CE
POWER CONTROLLER	BSD-32P	40W	AC 220V 50/60Hz	DC 32V	130X50X30mm	260g	
	BSD-36P	40W	AC 220V 50/60Hz	DC 36V	130X50X30mm	240g	✓
	BSD-36P-60W	60W	AC 220V 50/60Hz	DC 36V	137X60X35mm	260g	✓
	BSD-36P-60WF	60W	AC 220V 50/60Hz	DC 36V	137X60X35mm	260g	✓
	BSP-32HL-40W	40W	AC 220V 50/60Hz	DC 32V/24V	137X60X31mm	190g	
	BSP-32HL-60W	60W	AC 100~240V 50/60Hz	DC 32V/24V	145X60X35mm	250g	
	BSP-32HL-300W	300W	AC 100~240V 50/60Hz	DC 32V/24V	200X80X66mm	460g	

SCREW FEEDER BSF-1450

- Prompt and steady screw feeding no waiting time for the next screw
- Widest range of applicable screw sizes
- Max of screw length & hopper capacity
- Applicability of special screw types
- Adjustable vibration intensity
- Humanized multi programming control

Model	BSF-1450
Applicable Screw Sizes	1.4-5.0mm
Applicable Screw Length	19mm
Scooping Chamber Capacity	200-220 c.c
Adjustable Rail	NO
Weight	2.17 kg
Size	182(W)X126(L)X147(H)mm
Power Source	AC 110-240V
Output Voltage	DC 12V



TORQUE METER (KTM-15, KTM-150)

- 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 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.



KTM-15 / 150

※Products are suitable for shut off type screwdriver only.

Model	KTM-150	KTM-15	
Measuring Ranges	(kgf.cm)	1.5~150.0	0.15~15.0
	(Lbf.in)	1.5~130.0	0.15~13.0
	(N.m)	0.15~15.0	0.015~1.500
Accuracy	+/- 0.5%		
Power Supply	4.8VDC(Ni-MH chargeable battery 1.2VX4 cell 1650mAh)		
Charging Time	From empty -3 hours		
Operation Time	About 12 hours		
Battery Life	Chargeable for 300 times or more. However, it varies depending on operating conditions.		
Size(mm)	230(W)X125(D)X65(H)		
Weight(kg)	1.8		
Exclusive Charger	Input	AC100V~240V 50/60Hz	
	Output	DC12V 500mA	
Accessory	Torque measuring adaptorX3	Torque measuring adaptorX2	
	AJ-150 / AJ-50 / AJ-15K	AJ-15 / AJ-3	

SCREW COUNTER BSP-C32HL

BSD screw fastening counter helps manufacturer to avoid human fastening error during assembly process. Adopting a screw fastening counter on a assembly line is like hiring a quality control manager to monitor assembly process, quality and prevent costly fastening mistake on every work piece.



BSP-C32HL

Model	BSP-C32HL
Input Voltage	AC 100V-240V
Output Voltage	DC 32V/20V
Count	1-99
Count Method	Count-Up/Count-Down
Work With Sensor	ON/OFF
Gate Sensor	ON(2 Sensors)/OFF(1 Sensor)
Adjustable Slow-Start Time	0-9.9 Seconds
Adjustable Slow-Start Speed	60%-100% Rated Speed
Running Time Limit-LO	0-9.9 Seconds
Running Time Limit-HI	0-9.9 Seconds
NG Alarm	On/Off/FF/EF With LED & Buzzer
OK Alarm	On/Off/FF/EF With LED & Buzzer
Auto Zero	ON/OFF
External Inputs	Sensor/Reset
External Outputs	OK/NG/OK All
Screwdriver Control	Speed: HI/LO/Slow-Start
Dimension (mm)	150X48X130