

# SMART MULTI STAGE REMOTE CONTROL BRUSHLESS INDUSTRIAL IMPACT WRENCH



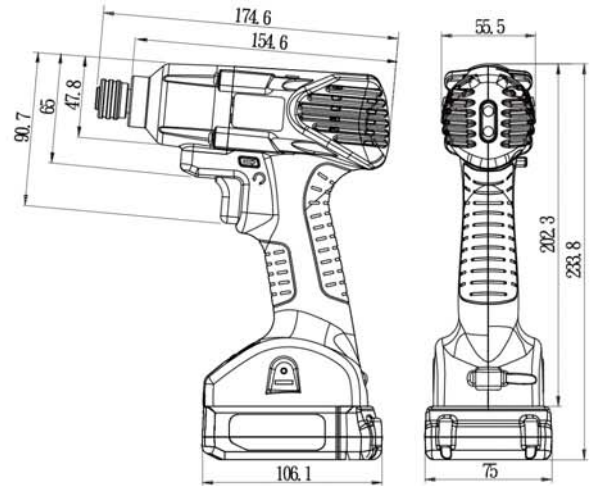
SKC-PTM Series



TAIWAN  
EXCELLENCE  
2020



KL-RC1  
INFRARED REMOTE CONTROL



KTM-IWT400

**Intelligent Programmable impact wrench (SKC-PTM series) must be tested with KTM-IWT50 /KTM-IWT400 torque tester**

## Product Features

- OK & NG indicator - Prevent cross head and stripped screw to secure fastening quality.
- Program - Max. 5 programs to use in a sequence.
- Counter - Counter reminds user for no. of remaining untighten screw.
- Low battery alert - To judge best timing to change battery.
- Prohibit setting configuration - When activated, user cannot change settings without remote control. This is to avoid any user to change tool settings intentionally.
- Low voltage compensation, stable power output to ensure torque output stability.

## High precision

- Set PTM-50 at 80% output using M12 bolt (socket size: 19mm ; socket weight: 52.8g/116.2g), KTM-IWT400 tester measured PTM-50 torque accuracy is  $\pm 8\sim 10\%$ .
  - Set PTM-70 at 80% output using M16 bolt (socket size: 24mm ; socket weight: 163.3g), KTM-IWT400 tester measured PTM-70 torque accuracy is  $\pm 8\sim 10\%$ .
  - Set PTM-100 at 80% output using M16 bolt (socket size: 24mm ; socket weight: 163.3g), KTM-IWT400 tester measured PTM-100 torque accuracy is  $\pm 8\sim 10\%$ .
- ※Socket weight, driver handling, bolt property class, bolt size may all affect torque output.

## Specifications

Model	SKC-PTM-50	SKC-PTM-70	SKC-PTM-100
Input Voltage	10.8V	14.4V	14.4V
Free Speed(r.p.m) +/- 10%	0 ~ 1900	0 ~ 2600	0 ~ 2000
B.P.M	0 ~ 2500	0 ~ 3400	0 ~ 2600
Torque(N.m)	5 ~ 50 Socket 19mm (52.8g) Socket 19mm (116.2g)	20 ~ 70 Socket 24mm (163.3g) Socket 24mm (163.3g)	20 ~ 100 Socket 24mm (163.3g) Socket 24mm (163.3g)
Repeatable Torque Accuracy(%)	$\pm 8\sim 10\%$	$\pm 8\sim 10\%$	$\pm 8\sim 10\%$
Bolt Size ( Class 12.9)	M6~M8~M10~M12	M8~M10~M12~M14	M10~M12~M14~M16
Torque Tester	KTM-IWT50、KTM-IWT400	KTM-IWT50、KTM-IWT400	KTM-IWT50、KTM-IWT400
Torque	Torque(M6) 3 - 20 N.m Torque(M8) 3 - 20 N.m Torque(M10) 5 - 30 N.m Torque(M12) 12 - 50 N.m	Torque(M8) 8 - 30 N.m Torque(M10) 8 - 40 N.m Torque(M12) 20 - 60 N.m Torque(M14) 25 - 70 N.m	Torque(M10) 8 - 40 N.m Torque(M12) 20 - 70 N.m Torque(M14) 20 - 90 N.m Torque(M16) 25 - 100 N.m
Bit Size	B 9.5 Hex. 6.35mm 6.35 W3/8" 3/8" sq	W3/8" 3/8" sq B 9.5 Hex. 6.35mm 6.35	W3/8" 3/8" sq W1/2" 1/2" sq
Weight(kg)	0.98 (Without Battery)	1 (Without Battery)	1.02 (Without Battery)
Size(mm)		174X202(LXH Without Battery)	
Applicable Battery	SKC-LB1025M	SKC-LB1425	SKC-LB1425
Applicable Charge Station	SKC-P50W	SKC-P70W	SKC-P70W
Optional Accessories		KL-RC1	

## TRANSDUCER TYPE IMPACT TORQUE TESTER KTM-IWT50 /KTM-IWT400

Patented design for testing various power type impact wrench, oil pulse impact wrench, shut off impact wrench, non shut off impact wrench and manual wrench.

- Can set peak value sampling time (0 - 99 sec.)
- Can set sampling time after peak detected
- Double displays to show peak and real time value
- Auto clear peak value
- Optional torque unit : kgf.cm , N.m, lbf.in

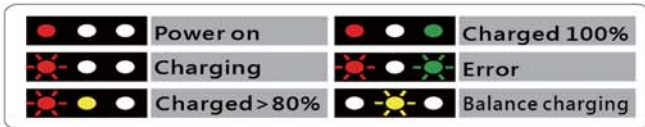


Model No.		KTM-IWT50	KTM-IWT400
Torque Test Range	Kgf.cm	0 ~ 509	0 ~ 4079
	Lbf.in	0 ~ 442	0 ~ 3540
	N.m	0 ~ 50	0 ~ 400
Applicable Bolt		M6·M8·M10	M12·M14·M16
Bolt Class		12.9	12.9
Torque Accuracy		±10% of reading, ±1 LSD	±10% of reading, ±1 LSD
Size (mm)		131 x 160 x 130 (exclude display)	223 x 200 x 150 (exclude display)
Weight (KG)		5	14
Power		Input 100 - 240 Vac	Input 100 - 240 Vac
Accessory		M6 & M10 joint	M12 & M16 joint
Remark		M8 joint and bolt are included in tester	M14 joint and bolt are included in tester.

## CHARGE STATION SKC-P50W / SKC-P70W



Model	SKC-P50W	SKC-P70W
Input Voltage	90V~240V	90V~240V
Output Voltage	12.6V	16.8V
Output Current	3A	3A
Applicable battery model	SKC-LB1025M	SKC-LB1425
Battery Identification	V	V
Buzzer	V	V
Cooling fan	-	-
Dimensions(WXLXH)	145X115X75mm	145X115X75mm
Weight	460g	460g
LCD Display	-	-
Safety Certification	CE·ETL	CE·ETL



## BATTERY SKC-LB1025M / SKC-LB1425



Battery Model	SKC-LB1025M	SKC-LB1425
Voltage	10.8V	14.4V
Capacity	2500mA/hr	2500mA/hr
Rated voltage	10.8V	14.4V
Power	27Wh	36Wh
Cells Permutation	3 series 1 parallel	4 series 1 parallel
Weight	270g	320g
Dimensions(mm)	99X75X43	107X75X43
Certification	CE·TUV	CE·TUV
UN38.3 Inspection report	YES	YES

- Adopting high performance Li-ion (Li-Mn) battery.
- The latch design increases intensity and convenience when assembling or dismantling the rechargeable battery from the cordless screwdriver.
- Battery ID identification design, which only allows original charge station to recharge the battery to secure battery safety and extend battery lifetime.

### Battery charging time reference

Battery Model / Capacity	SKC-P70W	SKC-P50W
SKC-LB1425	40 min.	
SKC-LB1025M		40 min.