

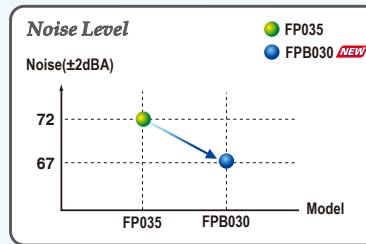
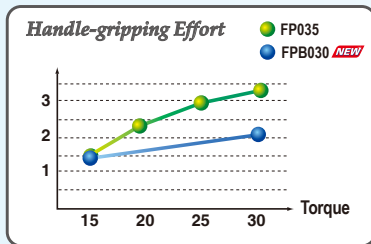
SUMAKE[®] Patented mechanical torque display Smart Air Shut-off Screwdriver

NEW

Features

1 New TORNADO MOTOR

Based on SUMAKE original MCL cross switch motor, upgraded patent tornado motor provides 60% more torque power and 30~40% less counterforce than original MCL version. Noise level is about 67(±2)dBA, which has decreased by 5-6dBA than MCL motor, which not only prevents operators from hearing damage but also meet industrial regulations.

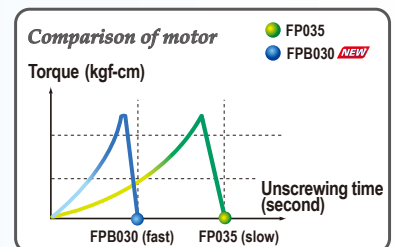


2 Full Torque Accuracy

With special mechanical design and new version MCL torque control system, SUMAKE smart air screwdriver meets ISO5393 B class CPK value torque deviation request (CPK value > 1.33). Such patent MCL torque control system features low vibration (< 2.5m/s²), torque repetitive accuracy ±3% and wider torque range.

3 New Reverse Button

Operator can quickly switch to reverse direction simply by pressing the reverse button without lifting the screwdriver away from work piece. (Please refer to the chart for torque/free speed comparison.)



4 Patent Mechanical Torque Value Display U Window

Easier to read torque value and adjust torque. (Please refer to below charts for comparison between old and new version.)



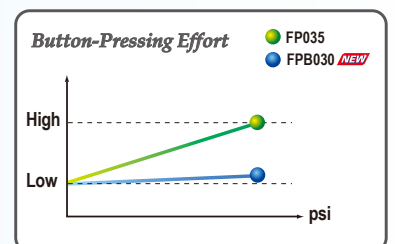
● FP035



● FPB030: 3 kgf-cm

5 Patent Floating Button

General reverse button on screwdriver is piston driven type, operators have to press harder when air pressure increases. SUMAKE patent floating button is easy to press whatever air pressure is. (Please refer to the chart for comparison between general button and floating button.)



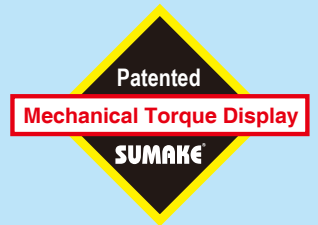
Certificate TW04/02301

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NEW



● FP035

● FPB030: 3 kgf-cm



3 Patent Reverse Floating Button

1 Patent Mechanical Torque Value Display U Window

2 New Tornado Motor

NEW



4 Speediness

Operator can change the bit rapidly by pulling the bit sleeve.

5 Torque Protection Cover



6 Comfort

Uniquely shaped soft resin for ergonomic grip "Top Wave" ergonomic design, best balance and easy to grip. The grip made thermoplastic elastomer, the best material so far, with good touch and anti-glossy feature.

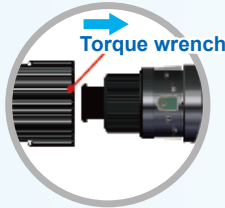
7 Suspension Ring



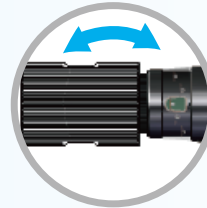
● Remove torque protection cover, adjust U window.



● Adjust outer window cover to preferred torque range displayed in U window.



● Apply torque wrench to adjustment ring.



● Rotate adjustment ring until preferred torque value is achieved.



● Put on torque protection cover after torque adjustment is finished.

Specification

Model No.	Free Speed (r.p.m)	Torque Range(±3%)		Weight (g)	O.A.L. (mm)	Dia. (mm)	Noise (±3dBA)	Min. Air Hose bore(mm)	Air Consumption (m³/min)	Fastening Capacity	
		N.m	kgf/cm							Machine Screw Dia.	Tapping Screw Dia.
Push to start											
FPB030	1000	0.3-3	3-30	582	240	34	67	5.0	0.28	M2.8-M5.0	M2.2-M4.0
FPB085	1000	1.5-8.5	15-85	1014	298	42	72	8.0	0.55	M4.1-M7.0	M3.1-M6.0
Lever start											
FLB030	1000	0.3-3	3-30	582	240	34	67	5.0	0.28	M2.8-M5.0	M2.2-M4.0
FLB085	1000	1.5-8.5	15-85	1014	298	42	72	8.0	0.55	M4.1-M7.0	M3.1-M6.0

- Accuracy here refers to repeatability and accuracy of torque when tool is in operation.
- Regular calibration using a torque tester to ensure repeatable accuracy.