

UBX-T70

Mechanical Shut-off Type Cordless Pulse Tools

- Phoenix Pulse Unit and New Motor make the tool compact. Compared to UDBP-TA70,
Downsized by 47mm, Lighter by 20%
- Phoenix Pulse Unit makes the tool more powerful. Compared to BP-T60 (equivalent in size)
Increased Power by 52% (26Nm→55Nm)
- Panasonic Lithium-ion Battery
EYFB41B(2.0Ah) or EYFB42B(4.2Ah)



UDBP-TA70

BP-T60

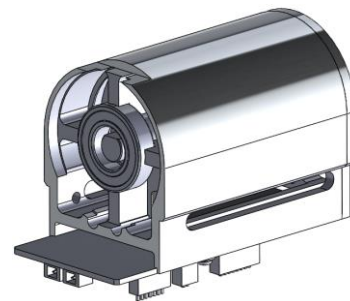
UBX-T70

Down-Sized & Lighter in Weight

Newly developed compact & high-power DC Motor

Newly developed compact, lightweight and high-power DC motor increases output and efficiency by employing high performance magnet, compared to the conventional motor.

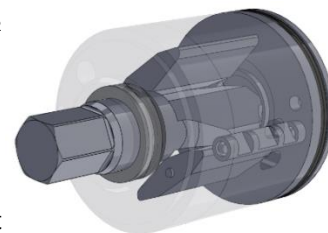
Quick & high-torque fastening is possible with small size battery by reducing the voltage required for operation and it leads to reduce the workload on the operator.



Newly developed Phoenix Pulse Unit (PAT.P)

- Output => **35%** increase *1
- Preventative Maintenance
=> **400%** increase (10,000,000 pulse) *2
- Reduction of oil temperature
=> **30%** increase *2

These improvements ensure the maximum performance of electric tool. Newly developed auto-relief (PAT.P) makes the fastening possible with smooth and ideal torque wave form without being affected by oil degradation.



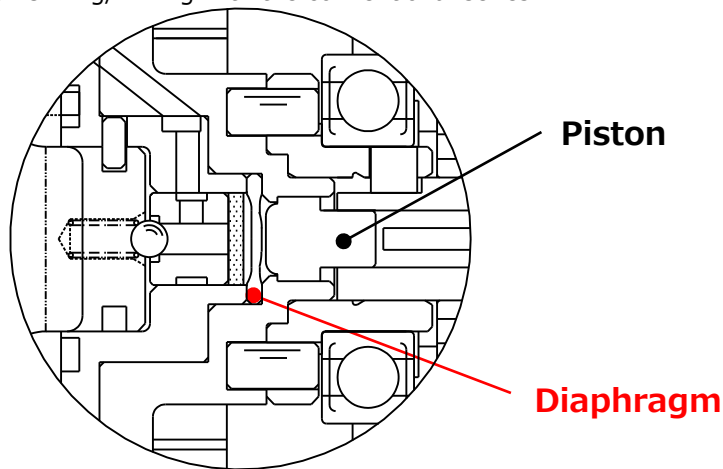
*1 Comparison with the conventional equivalent model.

*2 Calculated under URYU test condition. It varies depending on the usage condition.

	Model	Bolt Capacity	Torque Range	Free Speed	Over-all Length	Height (w/o battery)	Weight (w/o battery)	Battery Voltage (Capacity)	From Center to Outside	SQ. Size	Fastening q' ty / min.	Sound Level (1m)	Vibration Value (3-axes)
		mm	N·m	rpm	mm	mm	kg	V	mm	mm	number	dB	m/s ²
Conventional Series	UDBP-TA70	M8~M10	26~47	4,800	234	270 (197)	2.0 (1.39)	33.3 (1.5Ah)	29.5	9.5sq.	5 (40N·m)	76	1.33
	BP-T60	M8	13~26	4,800	202	241 (212)	1.6 (1.25)	14.4 (2.0Ah)	27.3	9.5sq.	7 (21N·m)	71	1.1
Phoenix Series	UBX-T70	M8~M12	25~55	4,800	187	242 (213)	1.63 (1.28)	14.4 (2.0Ah)	27.5	9.5sq.	8 (40N·m)	75	1.8

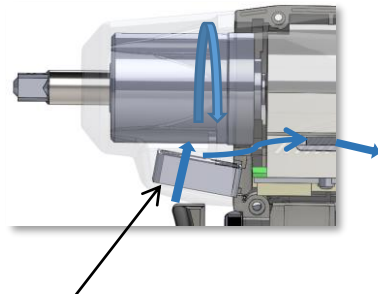
Diaphragm Shut-off Function (PAT.P)

Newly developed diaphragm increases fastening accuracy by sensing inner pressure of the pulse unit precisely. It also improves shut-off failure due to dull movement of Piston caused by stuck O-Ring/X-Ring with the conventional series.

**Powerful DC Ventilator**

Effective layout for the best cooling performance in a compact design. Adopting more powerful DC ventilator contributes more jobs per minute.

UDBP-TA70 : 5 jobs (40Nm)
UBX-T70 : 8 jobs (40Nm)

**DC Ventilator****Clear OK/NOK Judgement Lamp (Standard)**

Incomplete Job Error Detection function (TK) is standardized. Improvement of operator's visual confirmation by LED lamp & buzzer for fastening judgement.

**fastening ongoing****fastening complete****fastening incomplete
(Incomplete Job Error)****Other Features**

- 14.4V battery with 2 different capacity attachable
 2.0Ah : tool weight 1.63 kg (with battery)
 4.2Ah : tool weight 1.86 kg (with battery)
- Fastening q'ty per full charge
 battery with 2.0Ah : 250 jobs (40Nm, 0.3 sec.)
battery with 4.2Ah : 600 jobs (40Nm, 0.3 sec.)
- Ventilator
 It is operated when the switch lever is ON or the temperature of thermistor on motor reaches 40 degrees.
- Heat Protection
 Motor is stopped when the temperature of thermistor reaches 100 degrees or one of stator core reaches 90 degrees.
- Maintenance cycle
 every 200,000 cycles : replacement of oil
 every 400,000 cycles : replacement of sealing parts
 (*Durability test is still ongoing, so please take this as guideline at the moment.)