

# URYU PhoeniX Pulse Tool/ UBX-T70



16 April, 2020

# Here you are, **Phoenix** Pulse<sub>(PAT.P)</sub> Technology!

**P**ulse Tool has been Newly Reborn!

**H**igh – Power

**O**riginality

**E**nergy – Saving

**N**o Springs

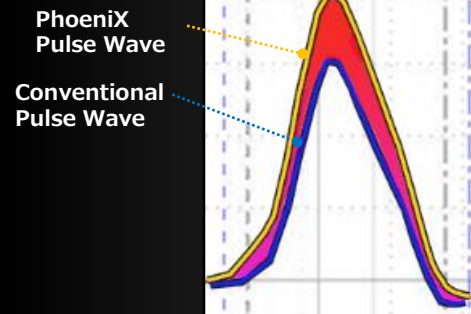
**I**nnovation

**X** (10) Million Pulses : Prolonged Maintenance Cycle Time

Maintenance Cycle : 10,000,000 pulses 5 times in comparison with conventional pulse units)

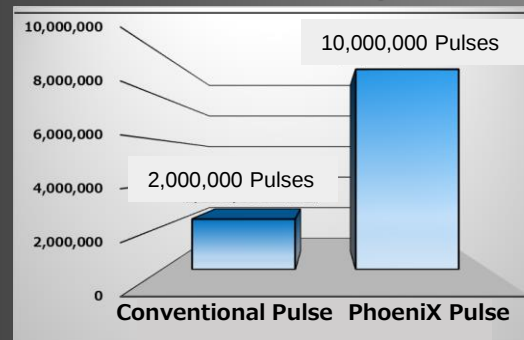
## Improved Performance

Output increases by 35%



One Pulse Output Torque Wave

Preventative Maintenance Cycle  $\Rightarrow$  5 Times!

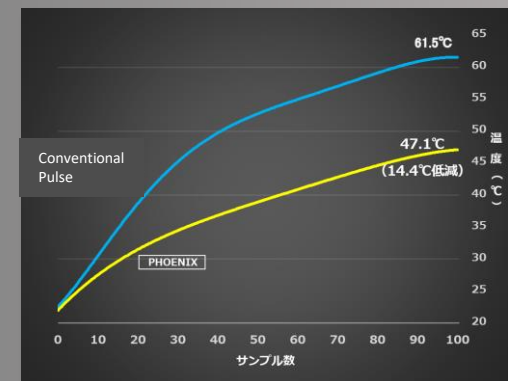


Pulse Counts until Preventative Maintenance

## Features of Phoenix Pulse Unit

- ◎ New design with No springs helps to overcome challenges with conventional pulse tools.
  - Much more powerful (Improved power-to-weight ratio)
  - Minimizes temperature increase
  - No need to warm up before use
- ◎ Improved Durability  
(Low oil pressure inside the pulse unit reduces the pressure against sealing, which minimizes oil leakage.)
- ◎ Newly designed Auto-Relief (PAT.P) is not affected by oil degradation.
- ◎ Less components make maintenance easier and save repair procedure time and running cost.

Reduction of Oil Temperature Increase by 30%



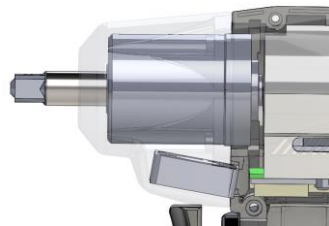
Temperature Increase Comparison (100 Fastenings)

# UBX-T70

## Mechanical Shut-off Type Cordless Pulse Tool

- **PhoeniX pulse technology** makes the tool compact.  
Compared to UDBP-TA70(P),  
**Down-Sized by 47mm**  
**Lighter in weight by 20%**
- **PhoeniX pulse technology** makes the tool more powerful.  
Compared to BP-T60 (sizewise the same as UBX-T70)  
**Increased Power by 52% (26Nm → 55Nm)**
- Panasonic Lithium-Ion Battery  
EYFB41B (2.0Ah) or EYFB42B (4.2Ah)

### Diaphragm Shut-Off Function



Combination of 'Diaphragm type' shut-off function (PAT.P) and PhoeniX pulse technology improves repeatability and prolongs maintenance cycle time.



UDBP-TA70(P)



BP-T60



UBX-T70

### Clear OK/NOK Judgement Lamp



OK

NG

Incomplete tightening error detection warns the operator when he / she has released his / her finger from the trigger before the tool shuts off automatically.

Optional wireless fastener count function (Pokayoke) is available with (RF8) type.

**Down-Sized & Lighter in Weight**

|                           | Model        | Bolt Capacity | Torque Range | Free Speed | Overall Length | Height (w/o battery) | Weight (w/o battery) | Battery Voltage (Capacity) | From Centre to Outside | SQ. Size |
|---------------------------|--------------|---------------|--------------|------------|----------------|----------------------|----------------------|----------------------------|------------------------|----------|
|                           |              | mm            | N·m          | rpm        | mm             | mm                   | kg                   | V                          | mm                     | mm       |
| Conventional Pulse Series | UDBP-TA70(P) | M8~M10        | 26~47        | 4,800      | 234            | 270 (197)            | 2.0 (1.39)           | 33.3 (1.5Ah)               | 29.5                   | 9.5sq.   |
|                           | BP-T60       | M8            | 13~26        | 4,800      | 202            | 241 (212)            | 1.6 (1.25)           | 14.4 (2.0Ah)               | 27.3                   | 9.5sq.   |
| PhoeniX Pulse Tool        | UBX-T70      | M8~M12        | 25~55        | 4,800      | 187            | 242 (212)            | 1.63 (1.28)          | 14.4 (2.0Ah)               | 27.5                   | 9.5sq.   |
|                           |              |               |              |            |                | 260 (212)            | 1.86 (1.28)          | 14.4 (4.2Ah)               |                        |          |