

SUPER "INTELEC" SYSTEM BATTERY OIL-PULSE TOOLS

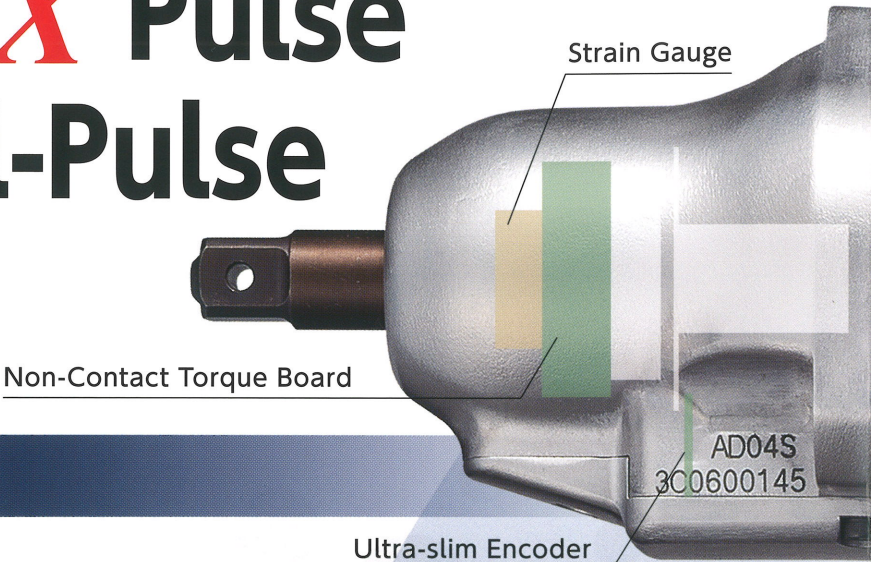
PHOENIX

UBX-AF SERIES TOOLS & UCC-100Z



 **URYU SEISAKU, LTD.**
Osaka, Japan

PHOENIX Pulse Battery Oil-Pulse Tools



UBX-AF series

- **PHOENIX** Pulse Unit (PAT.)
More powerful & improved durability
- Newly developed Auto-Relief (PAT.) achieves highly accurate fastening
- "Zoomed Step Fastening" function is added for more accurate fastening in combination with UCC-100Z
Fastening accuracy is increased twice

Newly-developed compact torque & angle sensor



Specifications

Model	Nominal Bolt Size		Torque		Weight				Battery	Free speed	Length		SQ. size		Number of fastening per minute*	Fastener quantity per full charge
					with battery	w/o battery	kg	lb								
UBX-AF500Z	M6-M8	1/4-5/16	5-20	3.7-14.8	1.82	4.01	1.52	3.35	10.8 2.0Ah	3,600	219	8 5/8	9.5Sq.	3/8Sq.	11	440
UBX-AF600Z	M8-M10	5/16-3/8	15-40	11.1-29.6	1.87	4.12	1.52	3.35	14.4 2.0Ah	4,800	219	8 5/8	9.5Sq.	3/8Sq.	10	320
UBX-AF700Z	M8-M12	5/16-1/2	25-60	18.4-44.4	1.91	4.21	1.56	3.43	14.4 2.0Ah	4,800	219	8 5/8	9.5Sq.	3/8Sq.	9	320
UBX-AF900Z	M10-M12	3/8-1/2	35-72	25.8-53.1	2.3	5.07	1.81	3.99	18.0 3.0Ah	4,800	255	10 3/64	12.7Sq.	1/2Sq.	6	450

*1 Fastening time: 0.5 sec./Ambient temperature: 18 degree/URYU laboratory test
* Neither battery pack nor battery charger is included in a tool UBX-AFxxxZ.
* A large capacity battery may be attachable. Please check with your local supplier.

Super long life
Preventative maintenance cycle
400% prolonged by
No-spring **PHOENIX** Pulse Unit

Workload reduced
Advantage of Oil-Pulse Tools
High speed, Low vibration
Low noise,
Super low reaction

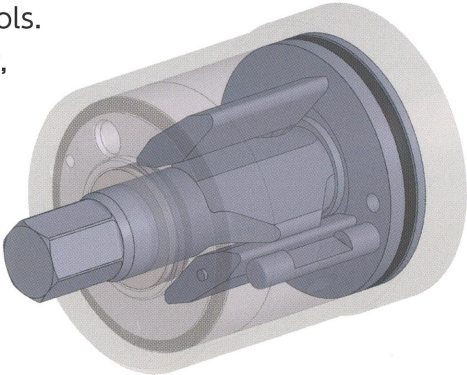
Traceable high accurate fastening
In addition to the Auto-relief, with "Zoomed step fastening" which has a more detailed fastening setting, high accurate fastenings are achieved on various applications with different joints.

COMMITMENTS

Benefits of PHOENIX

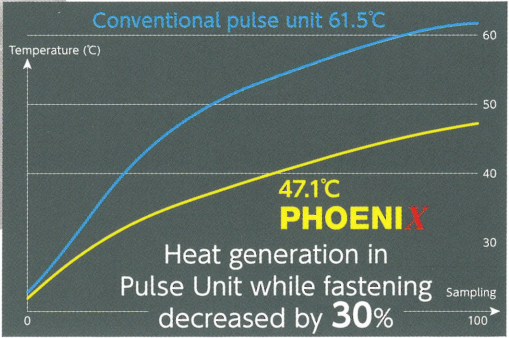
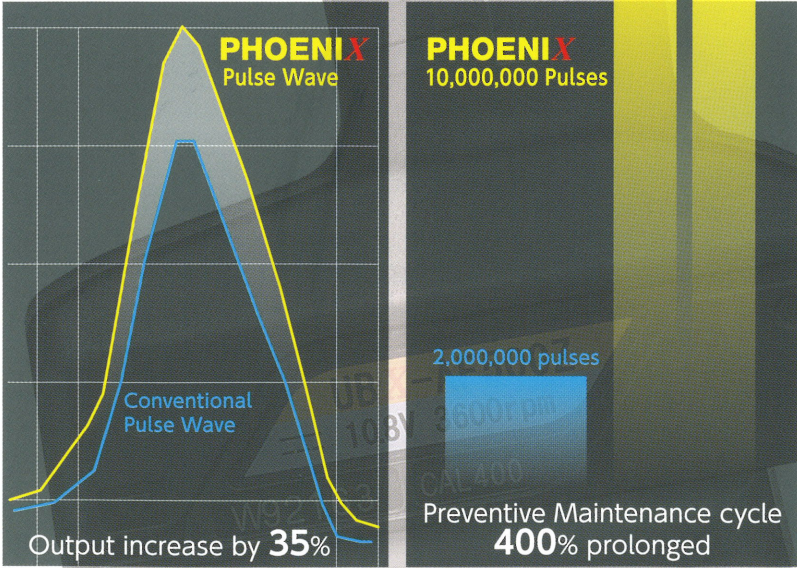
Newly developed PHOENIX pulse unit (PAT.)

Newly developed spring-free PHOENIX X pulse unit increases output by 35%*1, improves durability by 400%*2 (10,000,000 pulses) and reduces heat generation by 30%*2. PHOENIX X pulse unit maximises the performance of electric tools. Newly developed Auto-Relief (PAT.) achieves smooth fastening, reducing energy loss, and it is not affected by oil degradation.



*1. Comparison with the conventional equivalent tool
*2. Calculated values by our factory test. Values may differ depending on the actual work condition.

Improved Performance



UCC-100Z

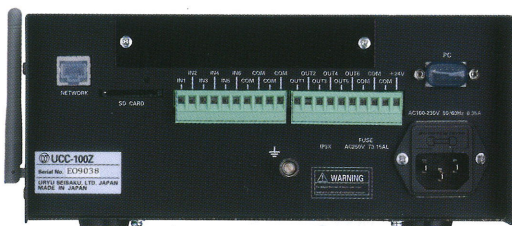
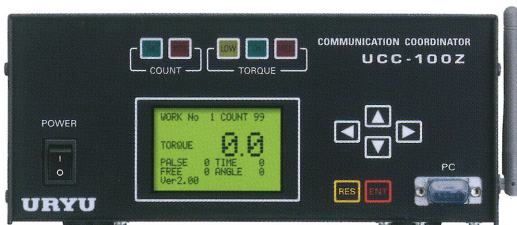
Multifunctional Coordinator with built-in Wireless unit for UBX-AF series

- Capable of switching 16 different kinds of fastening setting parameters
- User-selectable channel from 16 options in 2.4GHz band to avoid busy channels



UBX-AF tool

UCC-100Z communication coordinator



Specifications

MODEL	UCC-100ZA/ UCC-100ZE
POWER SUPPLY	AC100-240V ± 10%
POWER FREQUENCY	50/60 Hz
INSULATION PROTECTION	DC500V over 10MΩ
POWER CONSUMPTION	35VA
WEIGHT	2.9Kg
DIMENSIONS	Without antenna: 254(D)x222(W)x99(H) With antenna: 254(D)x233.5(W)x106(H)
MAIN FUNCTIONS	Torque Control/ Angle Monitoring Fastening Counter
PARAMETER SETUP	Manual Input on LCD Panel Personal Computer (with setup software)
DISPLAY	Torque Resolution ± 2048 (12 Bit A/D) LCD (20 digits x 8 rows) Contents: WORK NO. / FASTENING COUND DOWN NO. / FASTENING TIME/ PULSE NUMBER/ ANGLE/ ERROR MESSAGE
LAMP	COUNT LAMP: OK(Green)/NOK(Red) FASTENING LAMP: LOW(Yellow)/OK(Green)/HIGH(Red)
INPUT TERMINAL SIGNAL	Operation Voltage/ Current: DC24V/ approx. 10mA 6 terminals (free format) *Contact input necessary
OUTPUT TERMINAL SIGNAL	Contact Capacity: DC30V, 1A 6 terminals (free format)
OPTION	Setting PC Cable (Part No. 910-219-0) (Spec. RS232C Straight Cable D-sub 9 female - D-sub 9 female pin 3m)
CODE (A/E)	81Z12/ 81Z02

■ Specifications including the appearance may change without notice.

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