

UEC SERIES (Single Spindle Connection)

UEC-4800TP (SD) / UEC-4800TP (SD-ANGLE)

The Touch Panel type visualizes all fastening results.



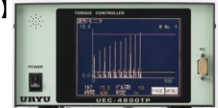
FEATURES

- Ethernet(TCP/IP) capable.
- You can see Torque Wave data on both front touch panel and PC.

[Top Screen]



[Wave form Screen]



- You can choose between Torque Control/Monitoring. You can detect various fastening errors and control the job with fastening counter.
- UEC-4800TPA/E(SD) Series can be used for 16 different fastening applications.
- Front panel, PC display or buzzer will tell you Input/Output (terminal blocks & tool wiring) checks and errors.
- UEC-4800TPA/E(SD) Series memorizes max. 4,550 fastening data (max. 1,900 fastening data when ID data is included). Standard deviations, Cp value, Cpk value can be analyzed instantly from the stored data within the controller. When you connect UEC-4800TPA/E(SD) Series to PC, you can graph the statistical data.
- By using Input/Output terminals UEC-4800TPA/E(SD) Series can be interlocked with the production line.

UEC-4800 (SD) / UEC-4800 (SD-ANGLE)

Cost-Effective LCD-Panel Available



FEATURES

- LCD-Panel type is available for more cost effective.
- Setting parameters can be put into the controller on the front panel as well as PC.

[FUNCTIONS]

- You can see Torque Wave data on PC connected to LCD-Panel type.

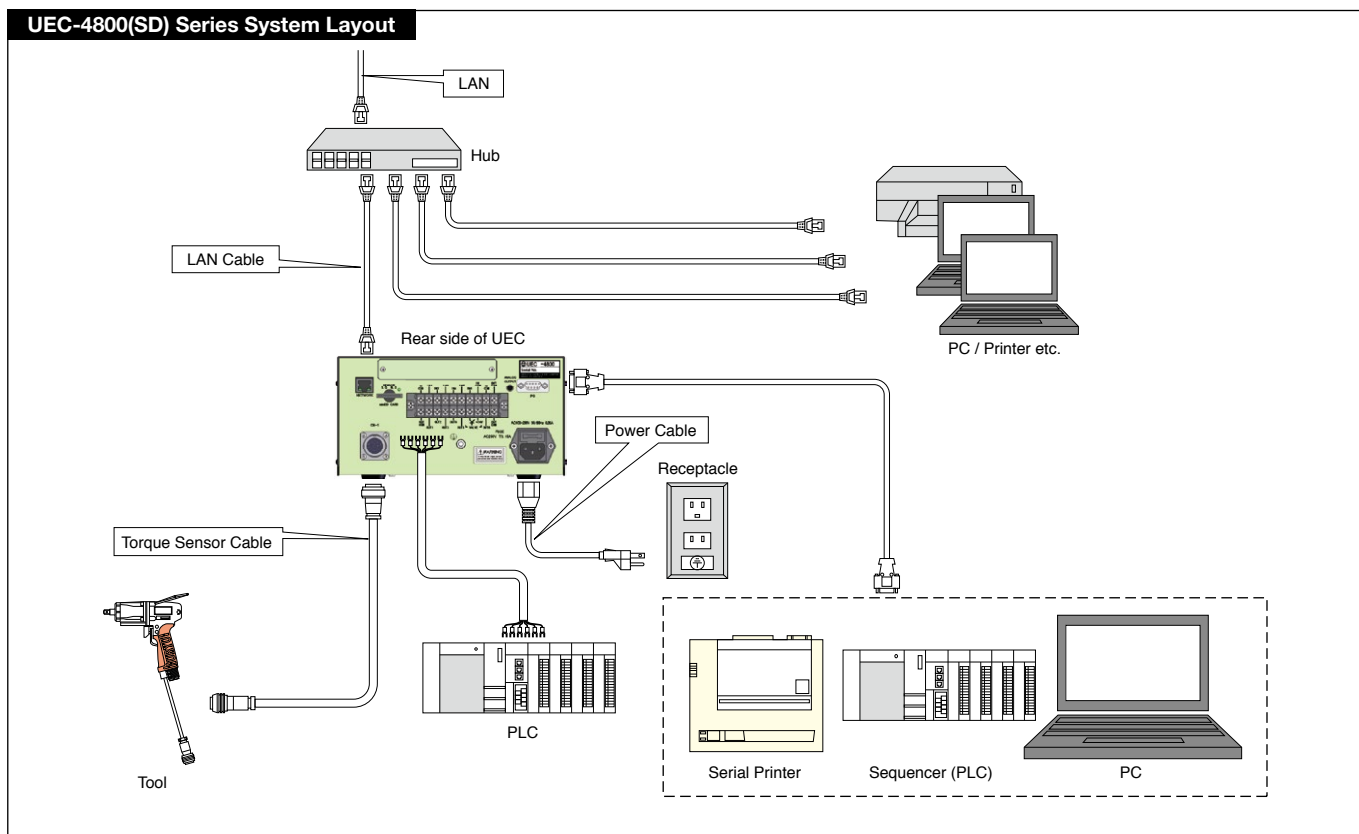
*The other features and functions are the same from UEC-4800TPA/E(SD) and UEC-4800TPA/E(SD-ANGLE).

SPECIFICATIONS

| Models | UEC-4800TPA/E (SD) | UEC-4800TPA/E (SD-ANGLE) | UEC-4800A/E (SD) | UEC-4800A/E (SD-ANGLE) |
|------------------------|---|--------------------------|--|------------------------|
| POWER SUPPLY | AC100~240V ±10% | | AC100~240V ±10% | |
| POWER FREQUENCY | 50/60 Hz | | 50/60 Hz | |
| NOISE PROTECTION | 1000V 1μS (according to noise simulator) | | 1000V 1μS (according to noise simulator) | |
| INSULATION PROTECTION | DC500V over 10MΩ | | DC500V over 10MΩ | |
| AMBIENT TEMPERATURE | 0~50°C (non-freezing) | | 0~50°C (non-freezing) | |
| AMBIENT HUMIDITY | Under 90%RH (no dew) | | Under 90%RH (no dew) | |
| POWER CONSUMPTION | Approx. 30VA | | Approx. 30VA | |
| WEIGHT | Approx. 3.6 kg | | Approx. 3.6 kg | |
| DIMENSIONS | 265(D) x 222(W) x 120(H) | | 265(D) x 222(W) x 120(H) | |
| MAIN FUNCTIONS | Torque Monitoring / Control + Fastening Counter | | Torque Monitoring / Control + Fastening Counter | |
| ANGLE MONITORING | — | | — | |
| PARAMETER SETUP | Manual Input on Front Touch Panel | | Manual Input on Front LCD Panel | |
| | Personal Computer (with setup software) | | Personal Computer (with setup software) | |
| DISPLAY | Torque Resolution ±2048 (12Bit A/D) 320 x 240 dot 25 characters x 15 lines | | Torque Resolution ±2048 (12Bit A/D) LCD : 20 characters x 4 lines Contents : WORK NO. / FASTENING COUNT DOWN NO. / FASTENING TIME / PULSE NO. 1-digit digital display (DPM) : WORK NO. 4-digit digital display (DPM) : TORQUE | |
| LED | COUNT Lamp : OK (Green) / NOK (Red) | | COUNT Lamp : OK (Green) / NOK (Red) | |
| | TORQUE Lamp : LOW (Yellow) / OK (Green) / HIGH (RED) | | TORQUE Lamp : LOW (Yellow) / OK (Green) / HIGH (RED) | |
| INPUT TERMINAL SIGNAL | Operation Voltage/Current : DC24V/aprox. 10mA 6 terminals (free format), VALVE | | Operation Voltage/Current : DC24V/aprox. 10mA 6 terminals (free format), VALVE | |
| OUTPUT TERMINAL SIGNAL | Contact Capacity : AC:125V, 0.3A, DC:30V, 1A 6 terminals (free format), VALVE | | Contact Capacity : AC:125V, 0.3A, DC:30V, 1A 6 terminals (free format), VALVE | |
| OPTION | Setting PC Cable (Straight) Part Number : 910-219-0 | | | |
| CODE (A/E) | 81662/81672 | 81832/81842 | 81642/81652 | 81812/81822 |

Used with

| | |
|---|--|
| Magnetostrictive Sensor Pulse Wrench | UAAMC Series / UAMC Series / UXR-MC Series |
| Strain-Gauge Sensor Pneumatic Nutrunner | UAN-RM Series |



UEC SERIES (Multi Spindle Connection)

UEC-5500

Multi-function controller which can control 4-spindles simultaneously. UEC-5500 controls various error detections, the number of fasteners and pulse numbers for 4 different tools in one controller.



Used with

| | |
|--|-----------------------------|
| Magnetostrictive Sensor Pulse Wrench | UAMC Series / UXR-MC Series |
| Strain-Gauge Sensor Pneumatic Nutrunner | UAN-RM Series |

*Key Pad (910-208-0) and Key Pad Cable (910-206-0) are optional items, so please purchase them separately.

FEATURES

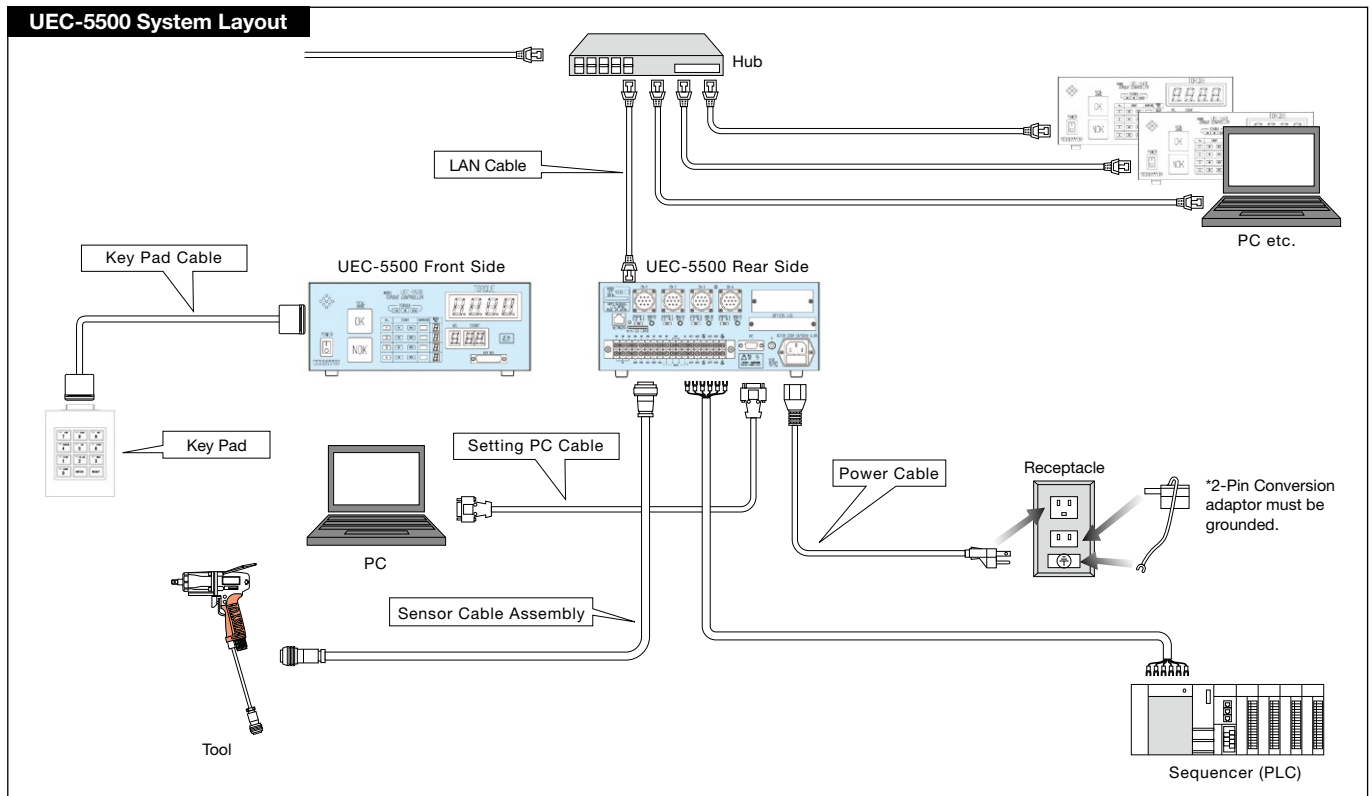
- UEC-5500 can control max. 4 different transducerized tools simultaneously.
- UEC-5500 can be used with various type of transducerized tools.
Oil-Pulse Tools fitted with a brushless type Magnetostrictive Transducer.
UAMC Series, UXR-MC Series
Pneumatic Nutrunners fitted with a Strain-Gauged Transducer.
UAN-RM Series
- High Reliable Torque Control & Monitor.
- Easy Programming with a Removable Key Pad. You can also upload the fastening programmes from PC.
- Ethernet(TCP/IP) capable.

[FUNCTIONS]

- You can choose between Torque Control and Monitor. You can detect various errors and control the job with fastening counter.
- You can see 'Torque wave Data' on PC.
- Makes setup or changeover of fastening torque and fastening number count for 8 different fastening applications.
- Input/Output check and error messages can be checked from your PC screen or the front panel of UEC-5500 with buzzer sounding.
- For Oil-Pulse Tools, tool maintenance can be determined by the total numbers of fasteners as well as total pulse numbers.
- UEC-5500 memorizes max. 20,000 fastening data per spindle. By connecting to PC, you can download the stored data to your PC for statistical analysis of mean, σ , 3σ / mean, CP, and CPK. You can also graph the statistical data.
- By using Input / Output terminals UEC-5500 can be interlocked with the production line.

UEC-5500A/E SPECIFICATIONS

| | |
|------------------------|--|
| POWER SUPPLY | AC100~240V ±10% |
| POWER FREQUENCY | 50 / 60 Hz |
| NOISE PROTECTION | 1000V 1μS (according to noise simulator) |
| INSULATION PROTECTION | DC500V over 10MΩ |
| AMBIENT TEMPERATURE | 0~50°C (non-freezing) |
| AMBIENT HUMIDITY | Under 90%RH (no dew) |
| POWER CONSUMPTION | Approx. 50VA |
| WEIGHT | Approx. 3.6 kg |
| DIMENSIONS | 240(D) × 270(W) × 115(H) |
| MAIN FUNCTIONS | Torque Monitoring / Control + Fastening Counter |
| PARAMETER SETUP | Removable Key Pad Personal Computer (with setup software) |
| DISPLAY | Torque Resolution ±2048 (12Bit A/D) 4-digit digital display : TORQUE 2-digit digital display : FASTENING COUNT DOWN NO. 1-digit digital display (small) × 4 : WORK NO. 1-digit digital display (large) × 4 : SPINDLE NO. |
| LED | Each Spindle's COUNT Lamp : OK (Green) / NOK (Red) TORQUE Lamp : LOW (Yellow) / OK (Green) / HIGH (RED) |
| INPUT TERMINAL SIGNAL | Drive by Electric Current Input (Photo Coupler Insulation) Voltage : DC24V Insulation Resistance : 4.7KΩ 12 terminals (free format) |
| OUTPUT TERMINAL SIGNAL | Contact Capacity : AC:125V, 0.3A, DC:30V, 1A 8 terminals (free format), VALVE, +24V |
| OPTION | Setting PC Cable(Straight) Part Number : 910-219-0 |
| CODE (A/E) | 83272/83292 |



UAAMC SERIES

Various fastening errors such as double-hit, cross-thread, foreign objects insertion are detectable. Fastening quality improved by angle monitoring function provides you with enhanced reliability.



UA400AMC



UA500AMC



UA600AMC



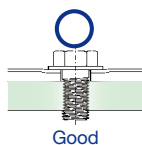
UA700AMC



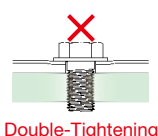
UA1300AMC

FEATURES

- UAAMC series are capable of angle monitoring in addition to the torque control/monitoring from UAMC series. It enables you to get double-hit, cross-thread, foreign object insertion and so forth by angle monitoring, and improve the fastening quality.



Good

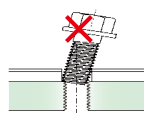


Double-Tightening

Double-Tightening :

Detectable as the torque increases, while the free run angle lacks.

- Free Run Angle NG

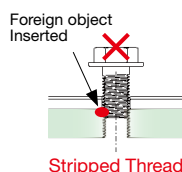


Cross Thread

Cross Thread :

Detectable as the fastening angle gets too high.

- Angle NG

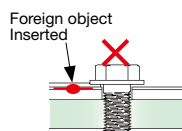


Stripped Thread

Stripped Thread/Seized Thread :

Detectable as the torque does not increase and the fastening angle gets too high.

- Angle NG



Seized Thread

Foreign Object Inserted :

Detectable as the torque does not increase and the fastening angle gets too high.

- Angle NG

SPECIFICATIONS

Recommended Air Pressure: 0.4MPa (57psi) - 0.6MPa (85psi)

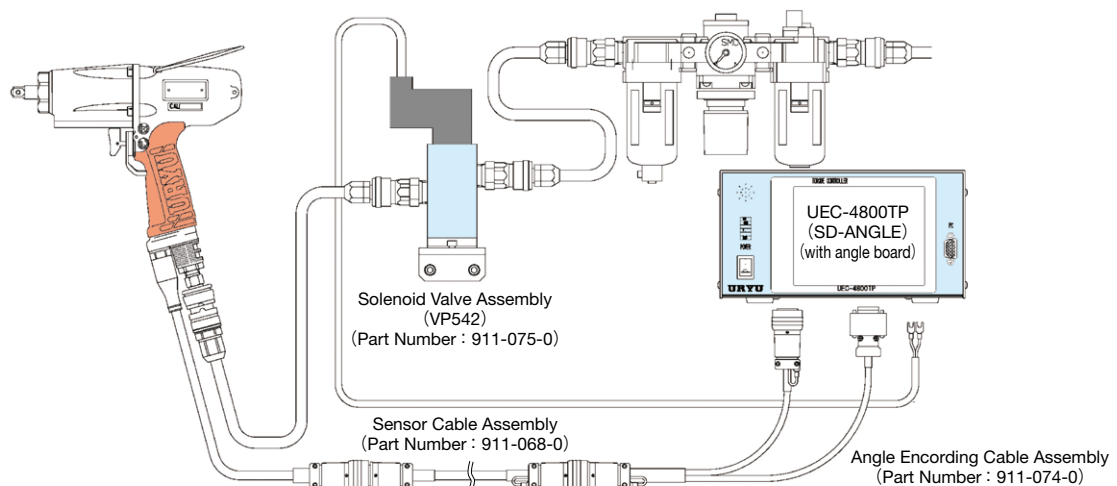
| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | | | Free Speed (Approx.) min ¹ | | | Overall Length (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | | Code |
|------------|---------------------------------|----------|--------------|-----------|------------|-----------|------------|------------|---|--------|--------|---------------------------|---------|--|------|--------------------------------------|---------|------------------------------|-----|-------------------------------|----------------------|-------|
| | | | 0.4MPa | | 0.5MPa | | 0.6MPa | | | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | Nm | ft-lbs | 0.4MPa | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min | |
| UA400AMC | 6 | 1/4 | 4.0-9.0 | 2.9-6.6 | 5.0-11.0 | 3.7-8.1 | 7.0-13.0 | 5.1-9.6 | 2800 | 3000 | 3200 | 193.0 | 7 19/32 | 1.35 | 2.97 | 28.0 | 1 7/64 | 9.5 | 3/8 | 0.20 | 7.0 | 17G02 |
| UA500AMC | 6-8 | 1/4-5/16 | 8.0-18.0 | 5.9-13.3 | 9.0-20.0 | 6.6-14.8 | 11.0-25.0 | 8.1-18.5 | 3400 | 3600 | 3800 | 193.0 | 7 19/32 | 1.35 | 2.97 | 28.0 | 1 7/64 | 9.5 | 3/8 | 0.25 | 8.8 | 17G12 |
| UA600AMC | 8 | 5/16 | 14.0-26.0 | 10.3-19.2 | 16.0-30.0 | 11.8-22.2 | 18.0-38.0 | 13.3-28.1 | 3900 | 4100 | 4300 | 198.5 | 7 13/16 | 1.4 | 3.08 | 28.0 | 1 7/64 | 9.5 | 3/8 | 0.40 | 14.0 | 17G22 |
| UA700AMC | 8-10 | 5/16-3/8 | 20.0-35.0 | 14.8-25.9 | 25.0-40.0 | 18.5-29.6 | 30.0-50.0 | 22.2-37.0 | 5700 | 5900 | 6200 | 207.5 | 8 11/64 | 1.5 | 3.3 | 28.5 | 1 1/8 | 9.5 | 3/8 | 0.45 | 15.8 | 17G32 |
| UA800AMC * | 10-12 | 3/8-1/2 | 30.0-45.0 | 22.2-33.3 | 35.0-50.0 | 25.9-37.0 | 40.0-60.0 | 29.6-44.4 | 4800 | 5000 | 5300 | 215.5 | 8 31/64 | 1.7 | 3.74 | 29.0 | 1 9/64 | 9.5 | 3/8 | 0.48 | 16.8 | 17G42 |
| UA900AMC | 10-12 | 3/8-1/2 | 30.0-55.0 | 22.2-40.7 | 35.0-65.0 | 25.9-48.1 | 40.0-80.0 | 29.6-59.2 | 4800 | 5000 | 5300 | 227.5 | 8 61/64 | 2.15 | 4.73 | 28.0 | 1 7/64 | 12.7 | 1/2 | 0.53 | 18.6 | 17G82 |
| UA1000AMC | 12 | 1/2 | 40.0-70.0 | 29.6-51.8 | 45.0-75.0 | 33.3-55.5 | 50.0-90.0 | 37.0-66.6 | 4600 | 4800 | 5000 | 235.0 | 9 1/4 | 2.45 | 5.39 | 30.0 | 1 3/16 | 12.7 | 1/2 | 0.55 | 19.3 | 17G92 |
| UA1300AMC | 14 | 9/16 | 65.0-95.0 | 48.1-70.3 | 70.0-130.0 | 51.8-96.2 | 85.0-150.0 | 62.9-111.0 | 4200 | 4400 | 4600 | 256.5 | 10 3/32 | 3.25 | 7.15 | 36.0 | 1 27/64 | 12.7 | 1/2 | 0.73 | 25.6 | 17H02 |

Air Inlet size : NPT1/4" Air Hose size : 10mm×6.5mm×5m for UA400AMC and UA500AMC 12mm×8.0mm×5m for UA600AMC~UA1000AMC 16mm×11.0mm×5m for UA1300AMC

*Please refrain from using UA800AMC at around max. torque as it is developed to aim at torque output between UA700AMC and UA900AMC.

*Torque Range is a guideline value. Please make tool selection appropriately in accordance with an actual application.

System Layout



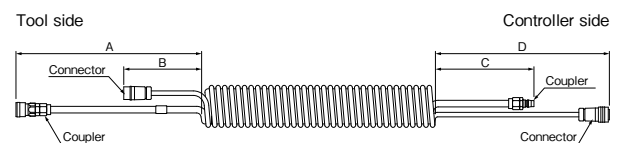
*Angle board should be mounted on UEC-4800(SD)series for angle detection.

OPTION

Cable Hose Assembly

Cable Hose Assembly is a combination hose of Air Hose and Sensor Cable Assembly which can be used for the connection between MC/EC wrench and Controller/Solenoid Valve Assembly.

Please ask your local URYU distributor for details of corresponding models, size, hose inside diameter and so on.



| Parts Name | Part Number | Hose Color | Dimensions (mm) | | | | | | Hose inside Diameter (mm) |
|--|-------------|------------|-----------------|------|-----------------------------|-----------------------|-----|-----|---------------------------|
| | | | A | B | Maximum Coiled Range of use | Minimum Coiled Length | C | D | |
| Cable Hose Assembly $\phi 12 \times \phi 45 \times 27$ (R) 1.1 | 935-280-0 | Red | 1300 | 1100 | 2200 | 350 | 300 | 500 | 8 |
| Cable Hose Assembly $\phi 12 \times \phi 75 \times 38$ (GR) | 935-276-0 | Gray | 400 | 200 | 5800 | 480 | 200 | 400 | 8 |
| Cable Hose Assembly $\phi 12 \times \phi 45 \times 28$ (GR) | 935-275-0 | Gray | 1000 | 700 | 2400 | 370 | 300 | 500 | 8 |

UAMC SERIES

In pursuit of high-efficiency, high-accuracy and durability, we have adopted auto-relief function*, which shortens the fastening time and improve the fastening efficiency.

BOLT & NUT SETTERS



UA40MC



UA70SMC



UA50MC



UA60MC



UA150MC



UA40SMC



UA50SMC



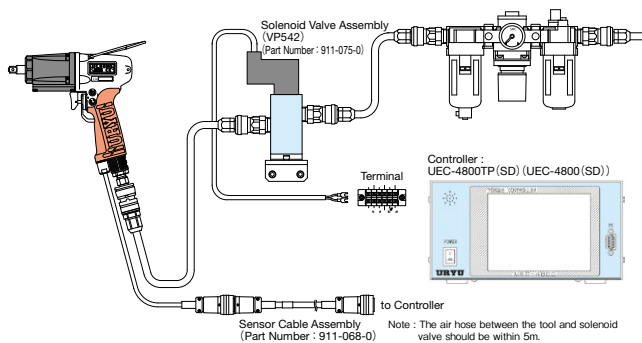
UA60SMC

FEATURES

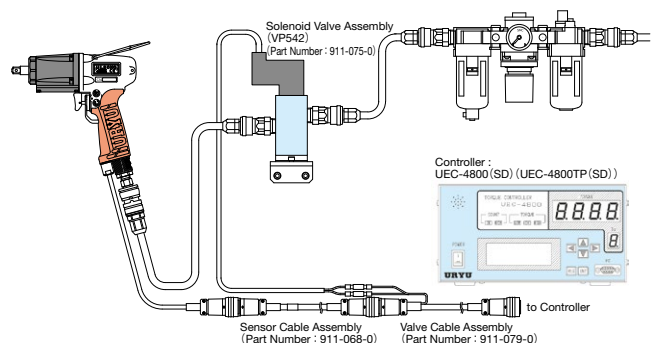
- In addition to the protective handgrip, full-cover Tool Jacket is equipped as standard, which protects tools and reduces the damage to the work.
- Ergonomic light weight & compact design ensures less operators fatigue.

System Layout

When using terminal (UEC-4800 TP (SD))

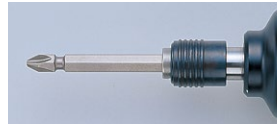
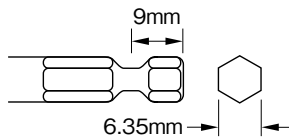


When not using terminal (UEC-4800(SD))



Quick-change driver anvil type

On pulling the sleeve, insert or take off the bit.



The model name suffixing (D) is the Quick-change driver anvil type.

SPECIFICATIONS (PISTOL TYPE)

Recommended Air Pressure: 0.4MPa (57psi) - 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | | | Free Speed (Approx.) min ⁻¹ | | | Overall Length (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | | Code |
|---------|------------------------------|----------|--------------|------------|-------------|-------------|-------------|-------------|--|--------|--------|------------------------|---------|-----------------------------------|------|--------------------------------|---------|------------------------|-----|-------------------------|----------------------|-------|
| | | | 0.4MPa | | 0.5MPa | | 0.6MPa | | | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | Nm | ft-lbs | 0.4MPa | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min | |
| UA40MC | 6 | 1/4 | 4.0-9.0 | 2.9-6.6 | 5.0-11.0 | 3.7-8.1 | 7.0-13.0 | 5.1-9.6 | 3000 | 3300 | 3600 | 170 | 6 11/16 | 1.1 | 2.42 | 26 | 1 1/32 | 9.5 | 3/8 | 0.20 | 7.0 | 17B32 |
| UA40DMC | 6 | 1/4 | 3.5-7.5 | 2.5-5.5 | 4.5-9.5 | 3.3-7.0 | 5.0-12.0 | 3.7-8.8 | 3000 | 3300 | 3600 | 170 | 6 11/16 | 1.1 | 2.42 | 26 | 1 1/32 | 6.35 | 1/4 | 0.20 | 7.0 | 17B12 |
| UA50MC | 6-8 | 1/4-5/16 | 8.0-18.0 | 5.9-13.3 | 9.0-20.0 | 6.6-14.8 | 11.0-25.0 | 8.1-18.5 | 3800 | 4100 | 4200 | 170 | 6 11/16 | 1.1 | 2.42 | 26 | 1 1/32 | 9.5 | 3/8 | 0.25 | 8.8 | 17C42 |
| UA50DMC | 6-8 | 1/4-5/16 | 7.0-15.0 | 5.1-11.1 | 8.0-18.0 | 5.9-13.3 | 9.0-23.0 | 6.6-17.0 | 3800 | 4100 | 4200 | 170 | 6 11/16 | 1.1 | 2.42 | 26 | 1 1/32 | 6.35 | 1/4 | 0.25 | 8.8 | 17C22 |
| UA60MC | 8 | 5/16 | 14.0-26.0 | 10.3-19.2 | 16.0-30.0 | 11.8-22.2 | 18.0-38.0 | 13.3-28.1 | 4700 | 4900 | 5000 | 175 | 6 57/64 | 1.14 | 2.51 | 26 | 1 1/32 | 9.5 | 3/8 | 0.40 | 14.0 | 17D32 |
| UA70MC | 8-10 | 5/16-3/8 | 20.0-35.0 | 14.8-25.9 | 25.0-40.0 | 18.5-29.6 | 30.0-50.0 | 22.2-37.0 | 5000 | 5300 | 5700 | 187 | 7 23/64 | 1.24 | 2.73 | 26 | 1 1/32 | 9.5 | 3/8 | 0.45 | 15.8 | 17E02 |
| UA80MC* | 10-12 | 3/8-1/2 | 30.0-45.0 | 22.2-33.3 | 35.0-50.0 | 25.9-37.0 | 40.0-60.0 | 29.6-44.4 | 5300 | 5600 | 6000 | 195 | 7 43/64 | 1.55 | 3.41 | 26 | 1 1/32 | 9.5 | 3/8 | 0.48 | 16.8 | 17E52 |
| UA90MC | 10-12 | 3/8-1/2 | 30.0-55.0 | 22.2-40.7 | 35.0-65.0 | 25.9-48.1 | 40.0-80.0 | 29.6-59.2 | 5300 | 5600 | 6000 | 203 | 7 63/64 | 1.7 | 3.74 | 28 | 1 7/64 | 12.7 | 1/2 | 0.53 | 18.6 | 17E92 |
| UA100MC | 12 | 1/2 | 40.0-70.0 | 29.6-51.8 | 45.0-75.0 | 33.3-55.5 | 50.0-90.0 | 37.0-66.6 | 4600 | 4900 | 5200 | 215 | 8 15/32 | 2.05 | 4.51 | 30 | 1 3/16 | 12.7 | 1/2 | 0.55 | 19.3 | 17F32 |
| UA130MC | 14 | 9/16 | 65.0-95.0 | 48.1-70.3 | 70.0-130.0 | 51.8-96.2 | 85.0-150.0 | 62.9-111.0 | 3800 | 4000 | 4500 | 233 | 9 11/64 | 2.8 | 6.16 | 36 | 1 27/64 | 12.7 | 1/2 | 0.73 | 25.6 | 17F72 |
| UA150MC | 16 | 5/8 | 120.0-180.0 | 88.8-133.2 | 140.0-200.0 | 103.6-148.0 | 150.0-220.0 | 111.0-162.8 | 4000 | 4100 | 4300 | 251 | 9 7/8 | 4.0 | 8.80 | 40 | 1 37/64 | 19.0 | 3/4 | 0.70 | 24.7 | 17M02 |

Air Inlet size : NPT1/4" Air Hose size : 10mm×6.5mm×5m for UA40MC~50MC 12mm×8.0mm×5m for UA60MC~100MC 16mm×11.0mm×5m for UA130MC and UA150MC

*Please refrain from using UA80MC at around max. torque as it is developed to aim at torque output between UA70MC and UA90MC.

*Torque Range is a guideline value. Please make tool selection appropriately in accordance with an actual application.

SPECIFICATIONS (STRAIGHT TYPE) OK / NOK LED indicator equipped.

Recommended Air Pressure: 0.4MPa (57psi) - 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | | | Free Speed (Approx.) min ⁻¹ | | | Overall Length (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | | Code |
|----------|------------------------------|----------|--------------|-----------|-----------|-----------|-----------|-----------|--|--------|--------|------------------------|---------|-----------------------------------|------|--------------------------------|--------|------------------------|-----|-------------------------|----------------------|-------|
| | | | 0.4MPa | | 0.5MPa | | 0.6MPa | | | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | Nm | ft-lbs | 0.4MPa | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min | |
| UA40SMC | 6 | 1/4 | 4.0-9.0 | 2.9-6.6 | 5.0-11.0 | 3.7-8.1 | 7.0-13.0 | 5.1-9.6 | 3000 | 3300 | 3600 | 246 | 9 11/16 | 1.22 | 2.68 | 26 | 1 1/32 | 9.5 | 3/8 | 0.20 | 7.0 | 17H22 |
| UA40SDMC | 6 | 1/4 | 3.5-7.5 | 2.5-5.5 | 4.5-9.5 | 3.3-7.0 | 5.0-12.0 | 3.7-8.8 | 3000 | 3300 | 3600 | 246 | 9 11/16 | 1.22 | 2.68 | 26 | 1 1/32 | 6.35 | 1/4 | 0.20 | 7.0 | 17J22 |
| UA50SMC | 6-8 | 1/4-5/16 | 8.0-18.0 | 5.9-13.3 | 9.0-20.0 | 6.6-14.8 | 11.0-25.0 | 8.1-18.5 | 4500 | 4700 | 5000 | 246 | 9 11/16 | 1.23 | 2.70 | 26 | 1 1/32 | 9.5 | 3/8 | 0.25 | 8.8 | 17H32 |
| UA50SDMC | 6-8 | 1/4-5/16 | 7.0-15.0 | 5.1-11.1 | 8.0-18.0 | 5.9-13.3 | 9.0-23.0 | 6.6-17.0 | 4500 | 4700 | 5000 | 246 | 9 11/16 | 1.23 | 2.70 | 26 | 1 1/32 | 6.35 | 1/4 | 0.25 | 8.8 | 17J32 |
| UA60SMC | 8 | 5/16 | 14.0-26.0 | 10.3-19.2 | 16.0-30.0 | 11.8-22.2 | 18.0-38.0 | 13.3-28.1 | 4000 | 4200 | 4400 | 252 | 9 61/64 | 1.30 | 2.86 | 26 | 1 1/32 | 9.5 | 3/8 | 0.40 | 14.0 | 17H42 |
| UA60SDMC | 8 | 5/16 | 12.0-24.0 | 8.8-17.7 | 14.0-27.0 | 10.3-19.9 | 16.0-34.0 | 11.8-25.1 | 4000 | 4200 | 4400 | 252 | 9 61/64 | 1.30 | 2.86 | 26 | 1 1/32 | 6.35 | 1/4 | 0.40 | 14.0 | 17J42 |
| UA70SMC | 8-10 | 5/16-3/8 | 20.0-35.0 | 14.8-25.9 | 25.0-40.0 | 18.5-29.6 | 30.0-50.0 | 22.2-37.0 | 5000 | 5300 | 5700 | 265 | 10 7/16 | 1.39 | 3.05 | 26 | 1 1/32 | 9.5 | 3/8 | 0.45 | 15.8 | 17H52 |

Air Inlet size : NPT1/4" Air Hose size : 10mm×6.5mm×5m for UA40SMC~50SMC 12mm×8.0mm×5m for UA60SMC and UA70SMC

*Torque Range is a guideline value. Please make tool selection appropriately in accordance with an actual application.

UXR-MC SERIES

SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) min ⁻¹ | | Overall Length (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | | Code |
|-------------|------------------------------|-----|--------------|-------------|---------|-------------|--|--------|------------------------|----------|-----------------------------------|------|--------------------------------|---------|------------------------|-----|-------------------------|----------------------|-------|
| | | | 0.5MPa | | 0.6MPa | | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min | |
| UXR-1820MC | 18 | 3/4 | 140-220 | 102.7-162.0 | 160-250 | 117.8-183.7 | 4400 | 4600 | 322 | 12 43/64 | 5.50 | 12.3 | 42.0 | 1 21/32 | 19.0 | 3/4 | 0.70 | 24.7 | 14852 |
| UXR-2000MC | 20 | 3/4 | 200-350 | 147.6-258.2 | 250-400 | 184.4-295.1 | 4600 | 4800 | 355 | 13 31/32 | 8.00 | 17.6 | 47.0 | 1 21/32 | 19.0 | 3/4 | 0.95 | 33.6 | 14862 |
| UXR-2400SMC | 24 | 7/8 | 300-550 | 221.3-405.8 | 350-600 | 258.2-442.7 | 3100 | 3300 | 457 | 17 63/64 | 12.5 | 27.6 | 55.0 | 1 11/64 | 25.4 | 1 | 1.00 | 35.3 | 16622 |

*External Solenoid Valve is required.

Air Inlet size : NPT3/8" for UXR-1820MC & UXR-2000MC NPT1/2" for UXR-2400SMC

Air Hose size : 12.7mm×5m for UXR-1820MC~UXR-2400SMC

Inside Trigger is available for UXR-2400SMC

*Torque Range is a guideline value. Please make tool selection appropriately in accordance with an actual application.