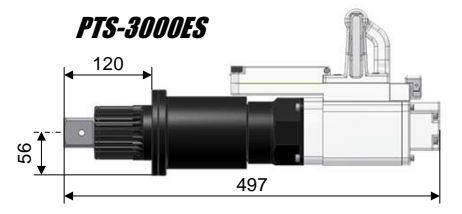
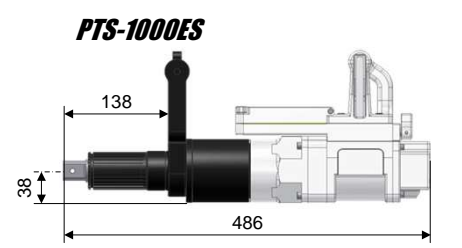
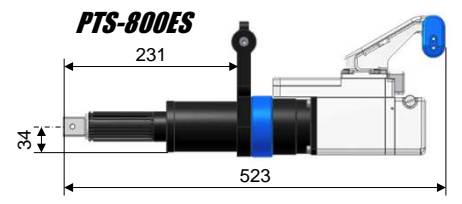
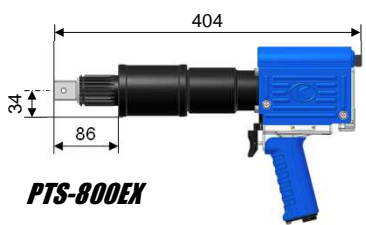
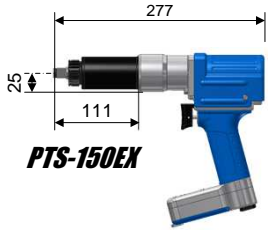


DIMENSIONS

(mm)

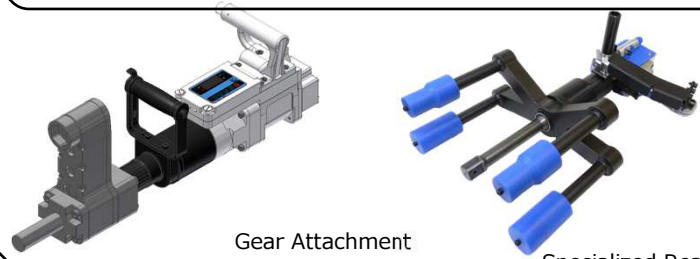


Specialized Reaction Arms

Able to make any kind of reaction force absorbers based on stress analysis.



Custom specification



Gear Attachment

Specialized Reaction Arms

SPECIFICATION

| | Model | Torque Range N·m | Step N·m | Pre Sets | Battery | Free Speed rpm | Air Consumption m ³ (Normal)/min Figure at 0.6 Mpa | Noise Level dB(A) | Vibration Level m/s ² | Drive Size sq mm | Length mm | Weight kg |
|----|------------|------------------|----------|----------|---------|----------------|---|-------------------|----------------------------------|------------------|-----------|-----------|
| ES | PTS-5000ES | 2000 ~ 5000 | 10 | 4 | 6 | 60 | 0.57 | 80 | 0.2 | 38.0 | 538 | 20.6 |
| | PTS-3000ES | 1000 ~ 3000 | 10 | 4 | 6 | 70 | 0.57 | 81 | 0.9 | 38.0 | 497 | 14.9 |
| | PTS-1000ES | 400 ~ 1000 | 10 | 4 | 6 | 135 | 0.60 | 84 | 0.4 | 25.4 | 486 | 11.1 |
| | PTS-800ES | 400 ~ 800 | 1 | 4 | 6 | 125 | 0.56 | 78 | 0.2 | 25.4 | 523 | 10.0 |
| EX | PTS-1000EX | 400 ~ 1000 | 10 | 3 | 4 | 70 | 0.38 | 78 | 0.2 | 25.4 | 392 | 7.5 |
| | PTS-800EX | 400 ~ 800 | 1 | 3 | 4 | 90 | 0.38 | 78 | 0.2 | 25.4 | 404 | 6.4 |
| | PTS-600EX | 140 ~ 600 | 1 | 3 | 4 | 100 | 0.38 | 78 | 0.1 | 19.0 | 354 | 5.3 |
| | PTS-450EX | 140 ~ 450 | 1 | 3 | 4 | 100 | 0.38 | 78 | 0.1 | 19.0 | 354 | 5.3 |
| | PTS-150EX | 50 ~ 150 | 1 | 3 | 2 | 120 | 0.23 | 78 | 0.1 | 12.7 | 277 | 2.5 |

Length and weight measurements are without sockets and reaction force absorbers.



AIR TOOL INNOVATION

PTS Series Portable Computerized Pneumatic Nut-Runner **50~5000N·m**

- The advanced pneumatic nut-runner with CPU. Need only air-supply.
- High speed rotation until seating and low speed to complete the fastening.
- Extremely accurate torque, low vibration and low noise.
- Easy to change Pre-Set torque.



NEW PTS-150EX

50~150N·m

Designed Safety and Reliability

- Low battery message.
- Detects and stops if abnormal torque up-rising.
- Detects sensor failure.
- Designed to avoid mis-operation. In case of low batteries or CPU failure, the tool will not be started.

Useful functions

- Enables to change torques at one touch button. (LED lamp and sound.)
- Enables to loosen by the maximum torque. (Left turn.)
- Batch management.

Calibration certificate

- Provide the certificate according to the international standard.

Enables to fasten with highly accurate torque.
Portable Pneumatic Nut-Runner with CPU. (Need only air-supply.)



2 Speed Rotation

- High speed rotation until seating and low speed to complete the fastening.

Slim Unit

- Enables to use in the narrow place.
- Make it easy to attach a hanging plate.

Protector

- Protect the main unit and the CPU.

Reaction Arm

- Providing various reaction arm for different applications.

Torque Sensor

- The original strain gauge transducer.

Throttle Lever

- Slow starting for sockets to fit in easily.
- CPU turns on automatically.

Control Panel

Automatically Shut off

- Shut off automatically at the pre-set torque and clears residual torque by slow reverse rotation.

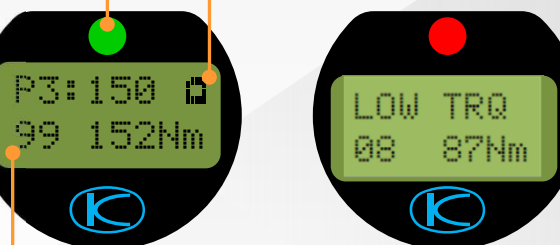
Reverse Lever

Judgement Lamp

- Enables to see the result torque by 3 color high resolution LED.

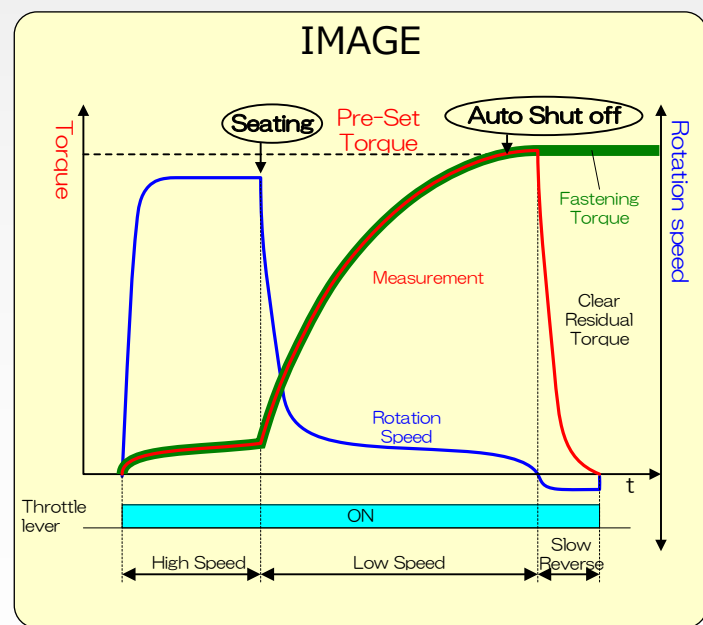
Low Battery

- Low battery message.



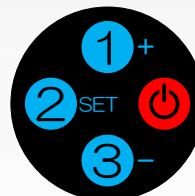
LCD Display (With Back Light)

- Enables to see the torque up-rising while operation.
- Shows Pre-Set number, Pre-Set torque, The number of remaining, fastening torque.



3 Pre-Set Key

- Able to input 3 different torques.
- Easy to change torques.



Muffler

- Muffler to reduce the exhaust noise.

Light Weight Design

- 2.5kg (Without reaction arm.)

Battery

- CPU is operated by 2 AA dry cell batteries. (PTS-150EX)
- Alkaline, Oxyride, Ni-MH dry cell batteries are applicable.
- Power Saving design. About 4,000 screw can be fastened. (Tested with new Ni-MH dry cell batteries according to KUKEN test method.)

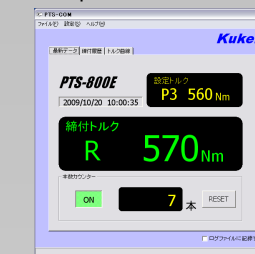
PTS OPTION

PTS-PRN



PTS-COM

Enables to store data to a computer.



PTS-LOG

Enables to store over 8,000 operations.

