

Micro Nutrunner

0.8N.m (8.0kgf.cm)

- The smallest & lightest Nutrunner in the market.
- Embedded with new developed & smallest servo motor & torque transducer.
- Correspond to various tightening application and assure the high-accuracy tightening.



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Features

- ◆ Tightening small screw from M1.6 to M3 available with high-accuracy.
- ◆ Space saving available with simple and small design.
- ◆ Suitable for robot application and stand-alone system is configurable easily.
- ◆ Adopt the latest CPU and control high-accuracy.
- ◆ Store the tightening data to controller and Traceability available (Storable the data through PC & memory card.)
- ◆ Design for clean environment.
- ◆ Equipped with judgment of torque & angle as standard. (Embedded with torque transducer.)
- ◆ Inter-lock available through external I/O.

Specification

Item	Contents
Controller Model	MNR-8
Tool Model	MFT-080M10-S
Max.Torque	0.8 (Nm)
Max.Speed	1100 (RPM)
Torque Accuracy	3 σ / Within 5%
Angle Control Unit	1.0 (deg)
Transducer Accuracy	± 1.5 (%) (Full Scale)
Dimension	Controller: 80(W) \times 153(D) \times 275(H) Tool Overall: 198.5 + Bit (mm)
Weight	Controller:610(g) Tool: 560(g)
Input Power	DC24V (Input of converter specification:AC100V \sim 240V)

* Screw feeder system also available separately. (Vacuum pump, Screw retainer, Screw chucking machine, Anti-vibration cap, Auto screw feeder etc...)

System Configuration

Productivity

- Correspond to wide range operation. High speed & small torque tightening available.
- Easy setup for parameter.

Flexibility

- Correspond to Multi-product production. (8 parameters)
- Storage of tightening data. Easy setup based on windows.

Quality

- High-accuracy transducer Developed in-house. Equipped with transducer with ID and realize high-accuracy tightening.

Economy

- Energy consumption Less energy consumption and more economical.

Environment

- Pneumatic & oil source aren't required. Contribute to maintain the clean environment.

