



ELECTRICAL ASSEMBLY TOOLS

DAI-ICHI DENTSU LTD.

NUTRUNNER / HAND-HELD TOOL / SERVO PRESS

MICRO NUTRUNNER

High speed, resolver-based permanent magnet motor for high precision and durability

Transducerized Screwdriver



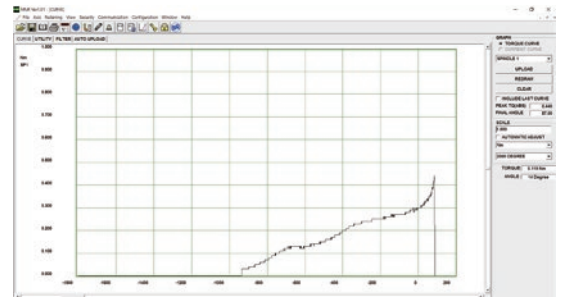
- 0.8Nm 1660rpm / 2.4Nm 600rpm
- Torque Transducer & Angle Feedback
- Self-tapping screw fastening
- Screw breakage detection
- 'On-the-fly' parameter selection

**VACUUM
Screw
Pick-up
function**

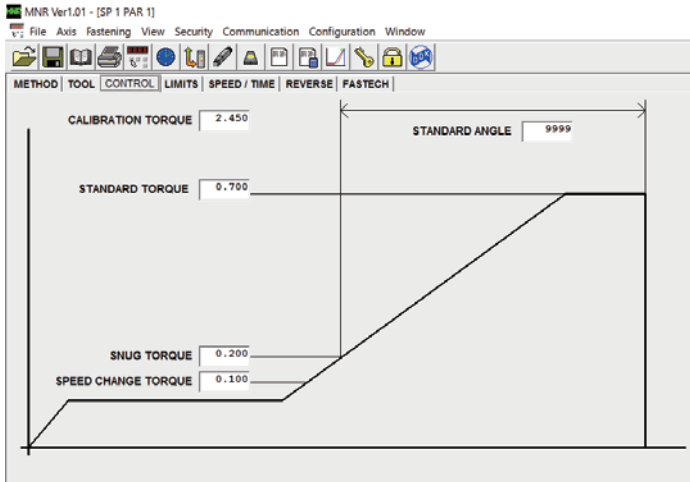


USER CONSOLE SOFTWARE

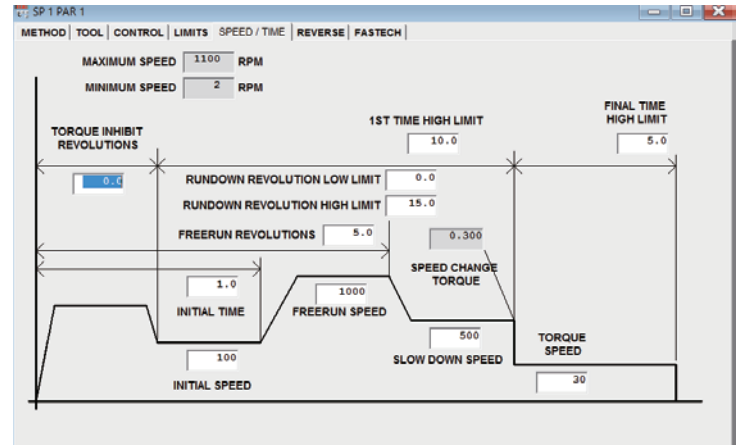
- Input settings and data output result curves
- Torque / Angle control method
- Fastening result data storage on SD card and/or PC.
- USER FRIENDLY interface



FASTENING TORQUE CURVE



FASTENING SET UP (TORQUE)



SPEED & TIME SET UP

SPECIFICATION

| | | |
|----------------------|----------------------------|--------------|
| CONTROLLER MODEL | MNR-8 | |
| TOOL MODEL | MFT-080M10-S | MFT-240M10-S |
| MAX. TORQUE | 0.8Nm | 2.4Nm |
| MAX. SPEED | 1660 rpm *1 | 600 rpm |
| TOOL WEIGHT | 660g | 680g |
| TORQUE ACCURACY | 3 Σ /AVE. within 5% | |
| ANGLE UNIT | 1.0 deg | |
| TRANSDUCER ACCURACY | \pm 1.5% | |
| CONTROLLER DIMENTION | 80Wx54Dx170H | |
| CONTROLLER WEIGHT | 610g | |

*1: at DC36V