

KOLVER™



K-DUCER
The transducer solution

HERMES
TOOLS

The new KDS-NT120: up to 1.2 Nm with our most act housing!

Smart, connected, accurate and cost effective

The micro torque K-DUCER, the KDS-NT*, the new patented, class A, ultra low torque, intelligent transducerized assembly system from Kolver, extends its range with the introduction of the KDS-NT120: our answer to applications where you need our most compact grip for torques as high as 1.2 Nm.

KDS-NT SCREWDRIVERS

KOLVER KDS-NT* transducerized electric tools cover all assembly line requirements for accurate, high quality torque and angle-controlled tightening. The built-in compact transducer provides torque control with excellent repeatability. The KDS-NT* screwdrivers feature full metal design, status LED, temperature protection combined with full traceability and error proofing capabilities. Available in straight and fixture configuration, start button or lever option.

- Superior torque accuracy
- Priced at 1/3rd compared to competitors’ micro torque tools
- Always measure the true torque applied
- Very reliable for process statistics

MODEL	CODE NUMBER	TORQUE Nm	MAX RPM	WEIGHT kg	LENGTH mm	OUTPUT	HOUSING
KDS-NT70	165050	0.05 - 0.7	700	0.3	223	Hex 1/4"	INLINE
KDS-NT70/HM	165050/HM				223	Half moon	INLINE
KDS-NT70CA	165150				221	Hex 1/4"	FIXTURE MOUNT
KDS-NT70CA/HM	165150/HM				221	Half moon	FIXTURE MOUNT
KDS-NT120	165120	0.2 - 1.2	400	0.3	223	Hex 1/4"	INLINE
KDS-NT120/HM	165120/HM				223	Half moon	INLINE
KDS-NT120CA	165151				221	Hex 1/4"	FIXTURE MOUNT
KDS-NT120CA/HM	165151/HM				221	Half moon	FIXTURE MOUNT

Due to our policy of continuous product improvement at KOLVER, the design, data and specifications are subject to change without prior notice.
*Patented



KDU-NT POWER UNIT AND CONTROLLER

The KDS-NT* works in combination with our KDU-NT controller, a sleek, ultra-com-
pact control unit that includes all of our newest K-DUCER features.

The KDU-1* controller gives you full control of your fastening operation, with featu-
res like touch screen color display, multiple programs and sequences, intuitive pro-
gramming interface, torque and angle control and graphs output, on board power
supply, it provides unmatched performance and value.

Units may be programmed either through the touch screen, via a PC software.

Updates available via USB memory stick. All software included and upgrades need
no license for the entire tool life. KDU-NT* controllers will operate all KDS-NT*
Series of tools.

Functionality	Standard with KDU-NT
5" Touch screen	•
Number of programs	64
Sequences	8
Multi-step tightening	•
Configurable digital I/Os	•
Inputs	4
Outputs	4
Real-time torque graph	•
1D and 2D barcode reading	•
Torque & angle control	•
Run torque	•
PV torque	•
Multiple parameters	•
Data results and graphs stored in a USB stick	24 000 000
Unlimited data results and graphs stored via K-Expand	•
Ethernet port	•
RS232	•
Mini USB	•
USB	•
MODBUS TCP	•
Software updates*	•
*Easy to update with new software/firmware, following customer needs and technical developments. Upda- tes available via USB memory stick	

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KOLVER K-DUCER 4.0 SOLUTION FOR AUTOMATION

K-DUCER systems deliver perfect tightenings time after time. Combined with error proofing solutions such as bit tray, positioning arms, torque and angle limits and automatic work flow sequences, it gives you a complete control of your assembly process.

KDS-NT* is an innovative and revolutionary fixtured solution in the K-DUCER family. The compact design brings a powerful solution full of features to a lightweight tool – making it optimal for automation. It is easy to install on any robot or torque arm and the communication ports allow communication with, and integration in, any production process.

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