

KOLVER®

K-DUCER



SLOVAKIA s.r.o.

INTOOL



K-DUCER

For precision assembly and high repeatability _____

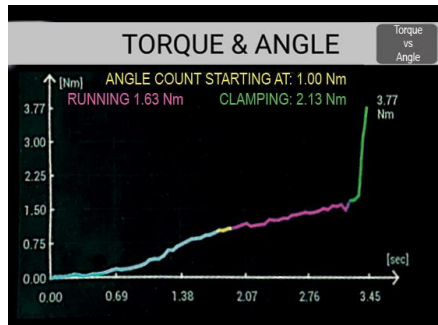
Torque range: 0.05 – 70 Nm _____

BUILT-IN TRANSDUCER AND TORQUE & ANGLE CAPABILITIES

The built-in transducer allows for displaying and plotting of torque & angle values in real time _____



K-DUCER





INDUSTRY 4.0

Built-in communication capabilities and protocols

OPEN PROTOCOL

MODBUS TCP

Compatible most other industrial protocols including

Profinet via external module

FULL TRACEABILITY

Full traceability and error-proofing capabilities means

higher production output and less defects & rework



INDUSTRY 4.0



K-DUCER

FORM FACTOR

BUILT-IN LED LIGHTS

Live feedback on tightening operation status:
tightening, reversing, OK, error _____

SUPERIOR ERGONOMICS

Soft-touch housing design, for a better grip and
operator's health _____

ESD PROTECTION

Full ESD and temperature protection _____



HOUSINGS

MANUAL USE

Inline

Angle model

Pistol grip

Pistol grip with top connector

AUTOMATION

Aluminum body

Aluminum body with flange and telescopic spindle





KDS-NT

BUILT-IN TRANSDUCER AND TORQUE & ANGLE CAPABILITIES

The built-in transducer allows for displaying and plotting of torque & angle values in real time _____

Developed for **precision assembly** and high repeatability _____

Torque range: 0.05 – 0.7 Nm _____

Full **INDUSTRY 4.0** compatibility _____

Bit size: 1/4" hex and 4 mm half moon _____



PATENTED

K-DUCER



CONTROL UNITS

KDU-1A and KDU-NT controllers for KDS and KDS-NT screwdrivers respectively

Up to 200 different programs and advanced tightening strategies, with $\pm 3\%$ torque accuracy

DOCK05 accessory allows for two screwdrivers to be used in sequence with a single control unit.





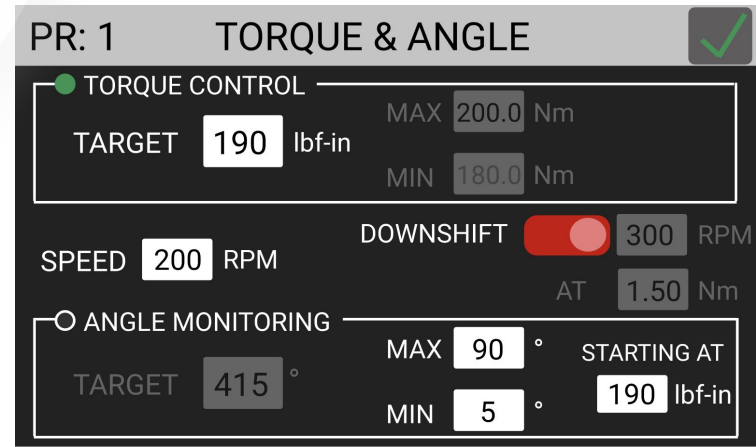
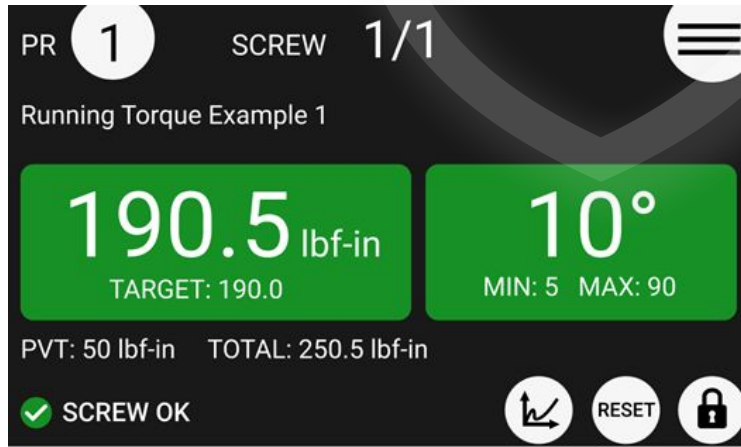
CONTROL UNITS

Easy to use and intuitive touch-screen display

Remote control option

K-EXPAND: companion PC software allows for unlimited programs and sequences

K-DUCER





CONTROL UNITS

Control units can be installed with a pivoting table stand or wall/column-mounted



010402 - pivoting table stand, tiltable



010401 - wall mount tilting bracket



SPECS

K-DUCER

Model	Code	Torque Nm	RPM min - max	Weight kg	Dimensions mm	Bit size	Housing
KDS-NT70	165050	0.05 - 0.7	20 - 700	0.3	223 x 27	Hex 1/4"	Inline
KDS-NT70/HM	165050/HM	0.05 - 0.7	20 - 700	0.3	223 x 27	Half moon 4 mm	Inline halfmoon 4 mm
KDS-MT1.5/ESD	175015/ESD	0.1 - 1.5	50 - 850	0.7	254 x 40	Hex 1/4"	Inline
KDS-MT1.5/LED/ESD	175015/LED/ESD	0.1 - 1.5	50 - 850	0.7	254 x 40	Hex 1/4"	Inline, with LEDs
KDS-MT1.5ANG/ESD	175015/A/ESD	0.1 - 1.5	50 - 850	0.7	288 x 40	Hex 1/4"	Inline, with angle head
KDS-MT1.5P/ESD	175016/ESD	0.1 - 1.5	50 - 850	0.7	186 x 172 x 50	Hex 1/4"	Pistol grip
KDS-MT1.5P/U/ESD	175016/U/ESD	0.1 - 1.5	50 - 850	0.7	186 x 170 x 50	Hex 1/4"	Pistol grip with top connector



SPECS

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Model	Code	Torque Nm	RPM min - max	Weight kg	Dimensions mm	Bit size	Housing
KDS-PL6/ESD	135006/ESD	0.5 - 6.0	50 - 850	0.7	251 x 40	Hex 1/4"	Inline
KDS-PL6/LED/ESD	135006/LED/ESD	0.5 - 6.0	50 - 850	0.7	251 x 40	Hex 1/4"	Inline, with LEDs
KDS-PL6/ANG/ESD	135006/A/ESD	0.5 - 5.5	50 - 850	0.7	288 x 40	Hex 1/4"	Inline, with angle head
KDS-PL6P/ESD	135007/ESD	0.5 - 6.0	50 - 850	0.7	186 x 170 x 50	Hex 1/4"	Pistol grip
KDS-PL6P/U/ESD	135007/U/ESD	0.5 - 6.0	50 - 850	0.7	186 x 170 x 50	Hex 1/4"	Pistol grip with top connector
KDS-PL10/ESD	135010/ESD	0.8 - 10	50 - 600	0.7	251 x 40	Hex 1/4"	Inline
KDS-PL10/LED/ESD	135010/LED/ESD	0.8 - 10	50 - 600	0.7	251 x 40	Hex 1/4"	Inline, with LEDs



SPECS

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Model	Code	Torque Nm	RPM min - max	Weight kg	Dimensions mm	Bit size	Housing
KDS-PL10/ANG/ESD	135010/A/ESD	0.8 - 9	50 - 600	0.7	288 x 40	Hex 1/4"	Inline, with angle head
KDS-PL10P/ESD	135011/ESD	0.8 - 10	50 - 600	0.7	186 x 170 x 50	Hex 1/4"	Pistol grip
KDS-PL10P/U/ESD	135011/U/ESD	0.8 - 10	50 - 600	0.7	186 x 170 x 50	Hex 1/4"	Pistol grip with top connector
KDS-PL15/ESD	135015/ESD	0.5 - 15	50 - 320	0.7	251 x 40	Hex 1/4"	Inline
KDS-PL15/LED/ESD	135015/LED/ESD	0.5 - 15	50 - 320	0.7	251 x 40	Hex 1/4"	Inline, with LEDs
KDS-PL15/ANG-1/4/ESD	135015/A-1/4/ESD	0.5 - 12	50 - 320	0.9	326 x 40	Hex 1/4"	Inline, with angle head
KDS-PL15P/ESD	135016/ESD	0.5 - 15	50 - 320	0.7	186 x 170 x 50	Hex 1/4"	Pistol grip



SPECS

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Model	Code	Torque Nm	RPM min - max	Weight kg	Dimensions mm	Bit size	Housing
KDS-PL15P/U/ESD	135016/U/ESD	0.5 - 15	50 - 320	0.7	186 x 170 x 50	Hex 1/4"	Pistol grip with top connector
KDS-PL20	135020	2 - 20	10 - 210	1.3	297 x 48	Sq 3/8"	Inline
KDS-PL30ANG	135030/A	3 - 30	10 - 140	2.1	429 x 43	Sq 3/8"	Inline, with angle head
KDS-PL35	135035	3 - 35	10 - 140	1.8	318 x 43	Sq 3/8"	Inline
KDS-PL45ANG	135045/A	4 - 45	10 - 90	2.8	450 x 43	Sq 1/2"	Inline, with angle head
KDS-PL50	135050	5 - 50	10 - 90	1.8	322 x 43	Sq 1/2"	Inline
KDS-PL70ANG	135070/A	7 - 70	10 - 50	2.8	453 x 43	Sq 1/2"	Inline, with angle head



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