TORQUE TESTERS - K SERIES

KOLVER

Torque Testers – K Series

The K Series is a totally new class of analysers. They feature a built-in transducer and also have the unique ability to connect to an external transducer. Using a high performance circuitry they collect, store and eventually download torque measures for a complete analysis of the tool and/or the joint. Priced at a low level, this tester has become popular among those companies wishing to improve their product quality through the precise control of torque.

- User friendly menu.
- Internal transducer for tests on a joint simulator (supplied with the unit).
- Connection for external transducer (transducer not included).
- 500 readings memory.
- Selection among Nm, Ncm, Kg.cm, in/lbs.
- RS232C output (cable not included).
- Indication <=> of the preset values.
- Output signal at preset reached value.
- Clockwise and counter-clockwise measurement.
- 3 models of operation: Peak +, Peak -, Track.
- Manual or automatic reset.
- 9 V rechargeable battery provides 4 hours of continuous operation. Automatic switch off to reduce battery consumption.
- 125% transducer overload protection.
- English and Italian menu.

Supplied in a plastic carrying case, with one rechargeable battery, 1 joint simulator (semielastic), instructions manual and certificate of calibration. Additional joint simulators (rundown adapters) for hard joint or fully elastic joint available on request.

JOINT SIMULATOR

EXTERNAL ROTARY TRANSDUCER

CONNECTING PORTS

KEYPAD

Model	Code	Torque range Nm	Dimensions mm	Weight kg
K1	020402	0,05-1	172x142x41	1,0
K5	020403	0,3-5	172x142x41	1,0
K20	020404	0,5-20	172x142x41	1,0
KTE5	022405	0,5-5	External transducer for K5	
KTE25	022425	2-25	External transducer for K20	

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TORQUE TESTERS - MINI K/S SERIES

Controlling torque is vital for companies to ensure their product's quality. Fasteners that are insufficiently torqued can vibrate loose and excessive torque can strip threaded fasteners. Using a quality torque analyzer has become increasingly important for many companies to ensure that proper torque is being applied.

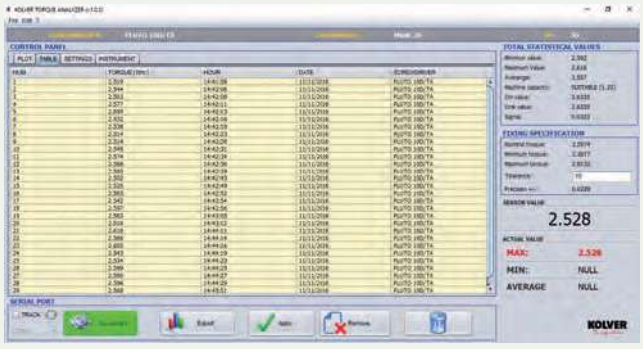
Torque Testers - Mini K/S Series

MINI K/S Torque Testers feature a built-in transducer. The easy-to-use torque tester is ideal for checking all power tools up to 20 Nm. The small size and portability of the MINI K/S makes it ideal for checking torque tools on the production floor regularly to ensure the tools are always calibrated.

- Built-in transducer.
- Three models with 1 Nm, 5 Nm and 20 Nm max torque.
- Three units of torque measurement available; Nm, Kg.cm, in/lbs.
- Four digit display.
- Manual and auto reset functions to clear displayed values.
- Battery powered (9V) and AC adapter. 9V battery provides 30 hours of continuous operation.
- RS232C serial port with date and hour
- Automatic shut down to extend battery life.
- Torque Tester includes a spring washers joint simulator (miniK5/S and miniK20/S) or built in joint simulator (miniK1/S) and a case.

Torque Testers - Mini Ke/S series

The Mini Ke/S system consists of a torque readout and an external rotary transducer. The Rotary Torque Transducer is the ideal torque-auditing tool for testing the actual torque being applied on the assembly application. By connecting a rotary torque transducer between an electric or pneumatic tool and an assembly application, you can monitor the real torque being applied from the tool to fastener or bolt.
Correction factor (FATC): it is possible to connect different transducers to the same torque reader. The new Kolver Torque Analyser software for Mini K/S and Mini Ke/S Torque Testers features real-time tracking of each measurement and calculation of CM and CMK. A Real-time chart for each torque measurement is displayed on your PC screen (when "track mode" on the tester is enabled). The chart will show the trend of the single screwing operation or, in case of multiple screwing operations it will show the results according to the settings on the torque tester and software (for example if you're keeping track of multiple operations at max torque, the chart will show the trend of these max torques). You can also export an Excel file (max 30 measurements) with corresponding CM-CMK values: this is useful for testing the torque accuracy of the screwdriver.



Model	Code	Torque range Nm	Features	Dimensions mm	Rotary Transducer Dimensions mm	Weight kg
mini K1 / S	021402/S	0,05-1	With built-in joint simulator, serial port and 'Torque Analyzer' software for PC	150x70x45	-	0,80
mini K5 / S	021403/S	0,3-5	With joint simulator, serial port and 'Torque Analyzer' software for PC	150x70x45	-	0,80
mini K20 / S	021404/S	0,5-20	With joint simulator, serial port and 'Torque Analyzer' software for PC	150x70x45	-	0,80
mini KE 5 / S	021405/5/S	0,5-5	With external transducer, serial port and 'Torque Analyzer' software for PC	150x70x45	25x92	0,50 (without transducer)
mini KE 25 / S	021405/25/S	2-25	With external transducer, serial port and 'Torque Analyzer' software for PC	150x70x45	25x92	0,50 (without transducer)
mini Ke 50 / S	021405/50/S	Up to 50	With external transducer, serial port and 'Torque Analyzer' software for PC	150x70x45	90x52x64	0,50 (without transducer)

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