



KOLVER

TORQUE TESTER - K SERIES

The K series is a totally new class of torque analyzers. 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 an outstanding low level, this tester has soon become very popular among those companies wishing to improve their product quality through the precise control of torque.



- User friendly menu.
- Accuracy: +/- 0,5% of the displayed value.
- 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 \Leftrightarrow of the preset values.
- Output signal at preset reached value.
- Clockwise and counter-clockwise measurement.
- 3 modes of operation: Peak + , Peak - , Track.
- Manual or automatic reset.
- 9 V rechargeable battery provide 4 hours 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

Code	Model	Torque Nm	Dimensions mm	Weight kg
020402	K1	0,1-1	180x105x55	1,0
020403	K5	0,5-5	180x105x55	1,0
020404	K20	2.0 - 20	180x105x55	1,0
022405	KTE5	0,5-5		
022425	KTE25	2-25		

TORQUE TESTER

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.



MINI K Torque Tester

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

- Built-in transducer.
- Three models with 1Nm, 5Nm and 20Nm max torque
- Three units of torque measurement available: N.m, kgf.cm, lbf.in.
- 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 as option with date and hour
- Automatic shut down to extend battery life.
- Torque Tester includes a spring washers joint simulator (miniK25 and miniK20) or built in joint simulator (miniK1) and a case.



Accuracy: $\pm 0.5\%$ of reading from 10% to 100%.

Accuracy: $\pm 1\%$ of reading from 1% to 10%.

Correction factor (FATC): it is possible to connect different transducers to the same torque reader

Code	Model	Torque Nm	Dimensions mm	Weight kg
021402	mini K1	0,1-1	150x70x45	0,80
021403	mini K5	0,5-5	150x70x45	0,80
021404	mini K20	2,0 - 20	150x70x45	0,80

MINI Ke

The Mini Ke 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.

Accuracy: $\pm 0.5\%$ of reading from 10% to 100%.

Accuracy: $\pm 1\%$ of reading from 1% to 10%.

Correction factor (FATC): it is possible to connect different transducers to the same torque reader



Code	Model	Torque Nm	Tester Dimensions mm	Rotary Transducer Dimensions mm	Weight kg
021405/5	mini Ke 5	0,5-5 Nm	150x70x45	25x92	0,50 (without transducer)
021405/25	mini Ke 25	2-25 Nm	150x70x45	25x92	0,50 (without transducer)
021405/50	mini Ke 50	Up to 50 Nm	150x70x45	89,5x52x63,5	0,50 (without transducer)

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