



KOLVER®

www.kolver.com



K-DUCER: our smart electric screwdriver!

The K-DUCER is our **A-class intelligent transducerized assembly system**, entirely designed and manufactured in Italy by Kolver.

The system consists of an advanced state-of-the-art controller KDU and a range of electric screwdrivers for **manual use** or for **automation**.

Main features:

- Torque range **from 0.01 up to 70 Nm**
- **200 programs** and **24 sequences**
- Advanced functions like angle-controlled tightening, monitoring and compensation of prevailing torque
- Intuitive programming interface and LED status indicators
- High-performance coreless motor with overheating protections
- **Touchscreen color display** to visualize instantaneous torque data and graphs
- Available in straight, pistol and right angle configuration
- Also available with aluminum body for **automated and fixtured applications**

The K-DUCER CA series for automation has been designed for an easy and quick integration and installation on robots, automatic machines and autofeeding systems.



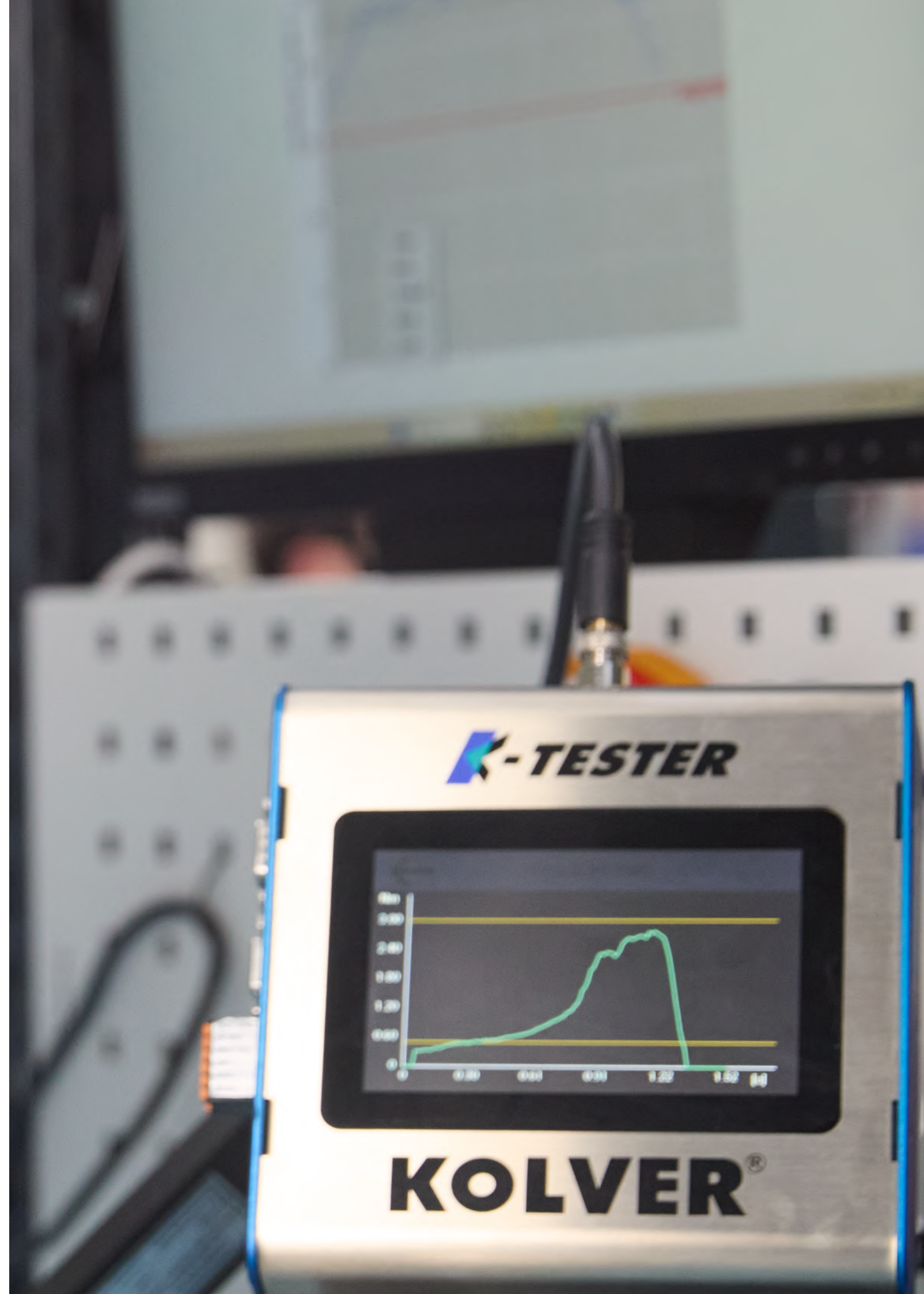
K-TESTER **K-TESTER:** **our most innovative torque** **tester!**

The K-TESTER is Kolver's cutting-edge torque analyzer. Versatile and precise, it is equipped with an **intuitive touchscreen interface** to visualize instantaneous torque data and **real-time torque graphs**, with direct connectivity to the PC. The K-TESTER can be used with both **static and rotary transducers**. Thanks to the new splitter DOCK08, it is possible to connect **up to 4 transducers simultaneously**.

It collects, stores and archives all the measurements taken for a complete analysis of the tool and/or the joint in any application.

Main features:

- Versatility with both static and rotary transducers, integrating with various external transducers and joint simulators
- Intuitive touchscreen interface
- PC connectivity with the **free** K-Torque Analyzer companion software
- **Torque range 0.05 Nm - 100 Nm** (up to 500 Nm on request)
- 200 different programs
- Advanced **reporting functions**





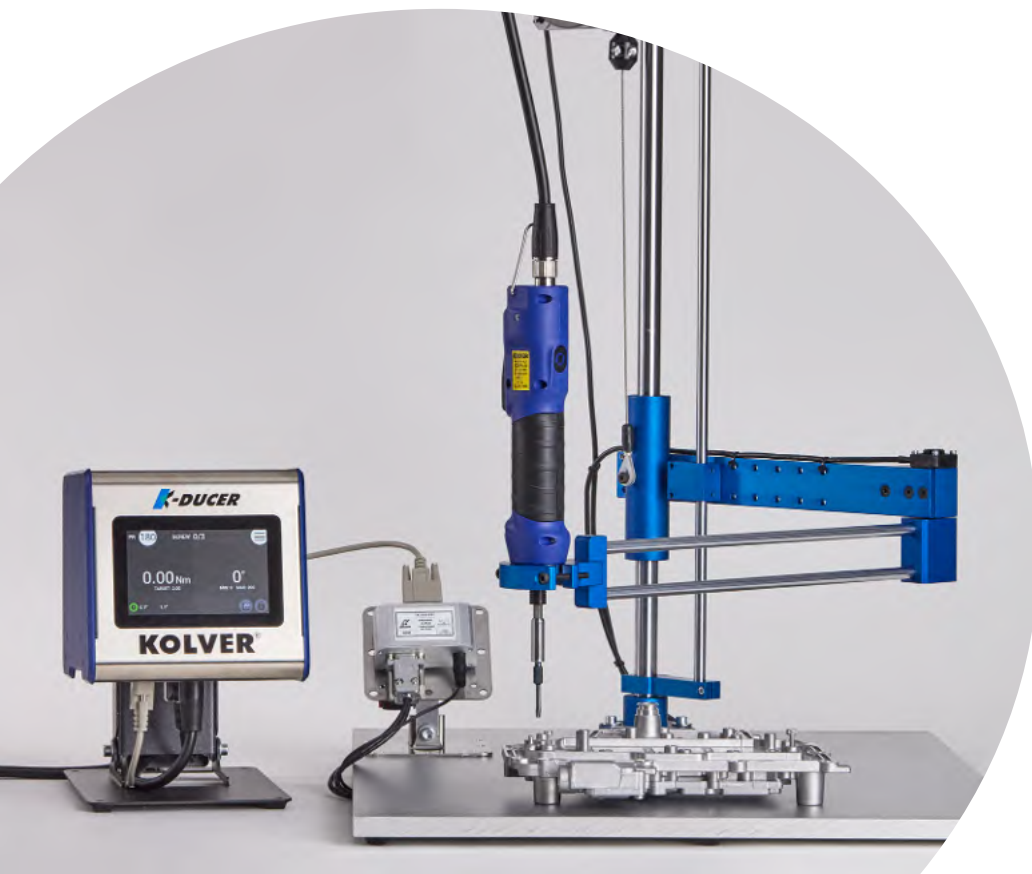
K-TLS: our new intelligent positioning system for precision assembly!

The K-TLS is Kolver's new intelligent positioning system for precision assembly. It is an intelligent, error-proof system that ensures each screw is in the **correct position** and at the **correct torque**: the screwdriver will only operate when placed in the correct position.

It is fully managed through the K-DUCER, effectively **eliminating the need for additional control units** and synchronization, allowing the end user to work with the same user-friendly interface that they're already familiar with. Simply set the screw positions for a new or existing program and you're good to go.

Main features:

- **Plug-and-play connection with the K-DUCER**
- 24 sequences, **200 programs** and up to **150 screws per program**
- High precision with programmable tolerance
- **Real-time** position data
- Connectivity with **MES and PLC** systems
- Compatible with CAR, LINAR1, LINAR2, LINART and SAR XYZ arms
- Use two arms and screwdrivers simultaneously with a single K-DUCER via Dock05



Kolver is more than precision fastening: **BENEFIT CORPORATION AND ZERO-EMISSION FACTORY**

Founded in 1989 and ISO 9001 certified since 1998, Kolver is currently **one of the major players** in the global market for electric screwdrivers in the industrial sector.

In 2023, Kolver adopted the legal form of a Benefit Corporation, officially becoming part of the group of companies with a commitment to pursuing social and environmental goals, incorporating this objective to contribute to the **common good** into their corporate purpose.

In 2024, Kolver inaugurated its **new headquarters and production facility**, achieving the goal of a zero-emission factory: another significant step towards a sustainable future and a concrete commitment to reducing environmental impact.

Kolver's products and its corporate policy perfectly align with the principles of the new Industry 5.0, considering research and innovation as the driving forces for a transition to a sustainable, resilient, and human-centered industry, where the interaction between digital technologies and human knowledge forms a strategic symbiosis and a key factor for success.



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