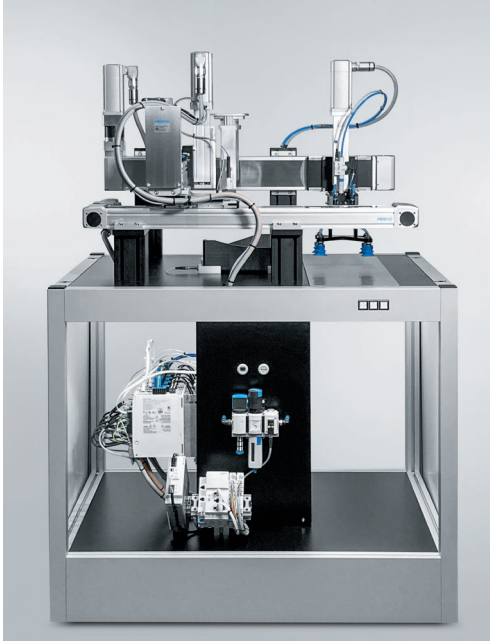


Precise bonding and assembly in the electronics industry: cantilever axis system ELGD

FESTO

**Dynamic Display
D-EL2302**

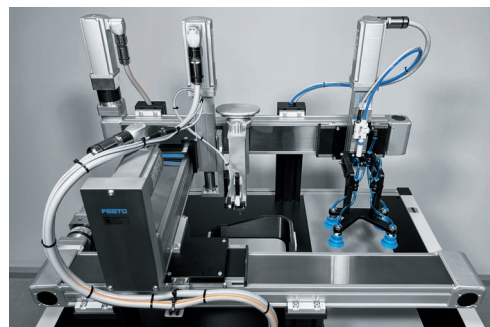


Fast, precise, reliable, cost-effective: four important factors in the highly dynamic market environment of ELA, e.g. in the Assembly and Test sub-segment. The new ELGD axis perfectly meets the high demands placed on axes in the dispensing/gluing application shown. Technologically, ELGD is one of the most stable axes on the market. It excels thanks to the innovative guiding concept, which ensures precise cornering at high dynamics and with a heavy dispenser. On the system shown, up to 20 kg can be attached to the Y-axis! The special design of the guide system ensures a long service life. Thanks to the production at two global locations and the independence from guide suppliers, it is available with very short lead times. And: Compared to the competition, ELGD offers the best price-performance ratio!



ELGD is precision

The X-Y axis display traces the contour of the housing interpolated and dynamically. A laser dot simulates the gluing process to show how stable and reliable the cantilever system runs with ELGD. Dynamic pick-and-place applications are now also child's play. The basis for this is ELGD's innovative guidance system, an in-house development. The previous fluctuations in the supply chain of precision guides are now a thing of the past.



As simple as Lego – the axis construction kit

Mechanical diversity with the greatest possible simplicity for the customer – ELGD fulfills this perfectly. For example, a cantilever system can be set up very easily. The design in X-/Y shows how open this is for an optimally fitting a vertical Z-axis, which is exactly tailored to the respective application. The 100 Wide size used as X-axis impresses with its enormously receptive guide technology and torsional rigidity.

Technical information about the Festo products used in this display can be obtained from the information counter at our exhibition stand or from our information service in Esslingen.

Tel: +49 711 347 -2071, E-mail: infoservice@de.festo.com or www.festo.com

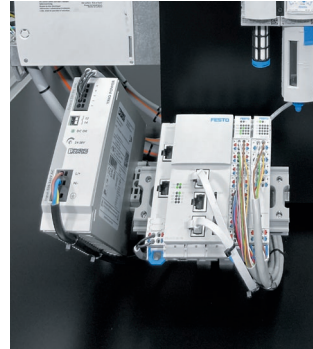
Festo SE & Co. KG

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www.festo.com

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Perfect coordination with the dispenser

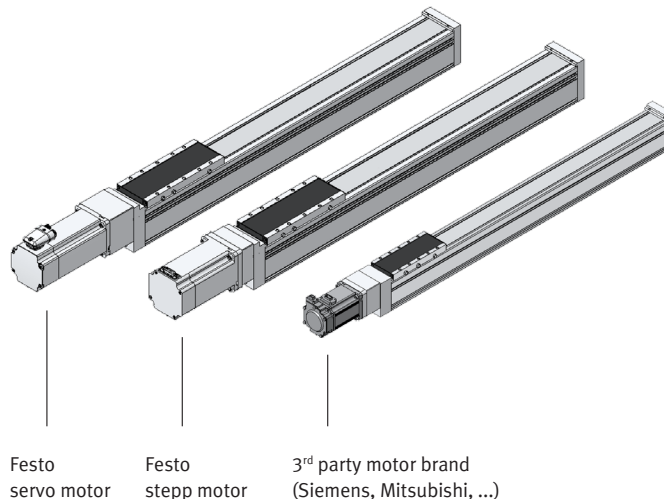
The display shows an exemple design using a 3D printed dispensing head. An MHE2 quick-acting valve is attached, which is controlled via a CPX-E automation system. The switching speed shows that it is optimally adapted to the curve speed. All parts are perfectly matched – because everything comes from a single source.



Best with Festo Servo Drive

The best way for our customers to operate the new ELGD is directly with Festo servo controllers and motors. Our CMMT and EMMT drive packages are optimally designed for ELGD, and the customer benefits here from Festo as the sole responsible contact from the workpiece to the PLC. There are no excuses and, thanks to optimum coordination, always the best price/performance ratio.

Of course, the ELGD can also be operated with motors from other manufacturers. A large selection of mounting kits for all common motor types is available, making the choice as simple as possible.



A very realistic display

The adhesive application shown in the display is very close to the real-life technical applications at the customer. The precise application of adhesive beads can be easily understood using the simulated process.

In addition, the combination with the pick-and-place application underscores ELGD's performance-to-installation space ratio.

The ELGD axis system is ideally suited to meet the requirements of our customers.

