

FESTO

Integrated Solutions in Liquid Handling

Greater efficiency for manufacturers in laboratory automation

One of the main topics in laboratory automation is handling extremely small quantities of liquids, from milliliters to nanoliters. That is why Festo offers compact and perfectly integrated functional units.

The dispense head VTOE was the first modular complete solution developed by Festo for quickly and accurately dispensing extremely small quantities of liquids. This modular complete solution consists of a manifold duct plate, dosing valves and nozzles.

Media-separated valves prevent cross-contamination and ensure optimal flushing. These standardized components enable system and equipment manufacturers to shorten their development times and, at the same time, meet strict quality requirements reliably and efficiently.



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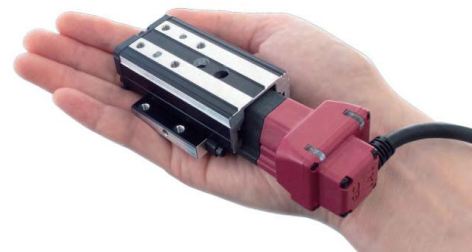
Modular Ultra-Mini ELECYLINDER

Resolves all kinds of small air cylinder problems

Ultra-Mini ELECYLINDER is designed as a replacement for pneumatic cylinders featuring simplicity from start-up to maintenance. Speed can be set with numbers from 1% (low speed) to 100% (high speed) enabling the motion regardless of the operator.

The built-in controller at a very small size resolves all kinds of air cylinder problems and requires no control panel space. You can select from three types according to the applications: Slider, Rod, Table.

- LEDs on the body clarify the operation status
- Simple operation with wireless connection
- Multi-axis control and network connection
- Actuator with controller and guide built-in



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Lift100 High-Payload Robot Lift
Additional reach for your robot

 **Ohrobot**

OnRobot's NEW Lift100 high-payload robot lift long-stroke robot elevator enables a wide range of future-proofed palletizing tasks for leading robot arms.

Designed with minimal deflection to ensure precise positioning even at high speeds, the Lift100 can also be used in any application where additional vertical reach is needed for the robot arm such as stacking of objects or picking/placing parts on shelves or racks.

- **Additional reach for your robot** enables you to handle more types of pallet sizes, box sizes, and palletizing patterns.
- **Elevator's long stroke** enables a wide range of palletizing tasks and future-proof cell for manufacturing changes.
- **Integrated safety features** with TÜV (certification pending) stop-functionality to facilitate collaborative deployment.



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Secure Networks for Industrial Automation

Enables remote access, maintenance, and data collection

TOSIBOX®

TOSIBOX® enables secure remote connection for collecting data and remote maintenance of industrial automation equipment.

With TOSIBOX®, you can use the same network configuration each and every time instead of spending hours fixing separate network properties for every location. The configuration can be automated so that the whole deployment takes place in only 15 seconds.

You can easily grant various levels of access to own technicians, subcontractors or customers outside your network, simply by drag and drop.



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