FLEXLINK®
a coesia company

Leading lab automation for the Optical industry

Turnkey solutions: design to simulation

FlexLink delivers comprehensive automated solutions for optical labs, from precise line design to full turnkey system implementation. Our offering includes industry-specific conveyors, peripheral equipment, advanced handling functions, and robust process and flow control systems. To ensure optimal performance, we also integrate simulation capabilities for accurate planning and validation.

Benefits

- Higher production yields and quality
- Reduced handling costs and breakage
- Optimized compact footprint
- 100% real-time location of jobs and trays
- Local expertise and system support
- Global supply chain and warehousing
- Industry-leading portfolio of solutions
- Turn-key installation, inside and around the lab automation solution

Long standing experience at your service

For over 20 years, FlexLink has been a global leader of high-end, standardized solutions for the optical industry. Our extensive experience, from lab layout and master planning to delivering complete turnkey installations, has made FlexLink a trusted choice for many of the world's leading optical lens and eyewear producers seeking flexible and reliable manufacturing solutions.

Modular automation for optical labs: custom solutions and process control

Customized for your needs

Most of FlexLink's optical solutions have been developed to help labs overcome challenges such as tray handling, space constraints, and production flow management. We offer a versatile range of standard single- and double-track conveyors to meet diverse operational needs.

Simulation

Simulations allow for testing of potential optimizations and identify the best solution for your production processes. When setting up new lines, they help reduce the required physical space and shorten validation time.

Tray handling solutions

A variety of solutions are utilized to move, queue, and transport small, large and staked trays between automated or manual process steps. Our proven, reliable handling systems can elevate, accumulate, distribute, divert, pick and place, and group products with precision and efficiency.

Robotic handling functions

Repetitive and unproductive tasks can be automated with advanced robotic solutions. FlexLink delivers leading lab automation by seamlessly combining conveying, optical tray handling, smart stacking and sorting, and product handling, all powered by robotics.

All around the lab

From automatic lens and frame picking to a ready-to-deliver finished pair of lenses, FlexLink supports the entire process. By collaborating with leading machine and equipment providers, we deliver tailored solutions based on your specific requirements and our expertise, taking on the integration role when needed.

Process and flow control

Our solutions can handle Rx paperwork in the tray or operate completely paperless. Thanks to our software system, fully integrated with the LMS, we enable real-time routing, prioritization, and track-and-trace across every step of the process.

A step ahead

Unprecedented modularity, flexibility, and scalability help take your lab to the next level with OPTILAB X. Built on FlexLink's proven expertise, our conveyors are integrated into plug-and-play modules for fast, easy installation and seamless scalability.

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