



OptoTech

IQ-Logic

LAB Automation Components

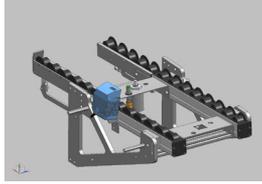


OptoTech is one of the leading companies for automation components in the ophthalmic industry. We offer solutions for labs of any size. From small labs just starting with lab automation up to high volume labs.



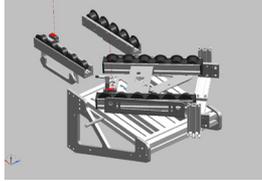
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In- and Outbound Connections IQ-Star



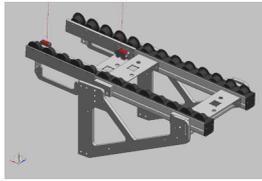
Inbound Connection Straight

Includes: Job tray separation; Stoppers; Sensors; Barcode reader and IQ-Star Control connection



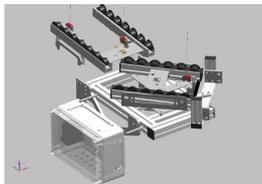
Inbound Connection 45°

Includes: Turning unit 45°; Job tray separation; Stoppers; Sensors; Barcode reader and IQ-Star Control connection



Outbound Connection Straight

Includes: Sensors

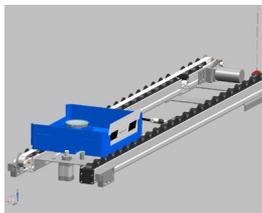


Outbound Connection 45°

Includes: Turning unit 45°; Job tray separation; Stoppers; Sensors; Independent control (no connection to IQ-Star Control necessary)

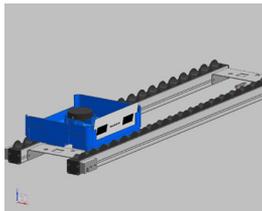


Conveyors & Stackers



IQ-Logic Custom Conveyors (Driven)

Available in 350mm to 1000mm, 1000mm to 2000mm and 2000mm to 3000mm. Exact conveyor length has to be specified. Available conveyor length always in 50mm steps. Shortest conveyor 350mm.
Conveyor includes: 24V motor, sensors



IQ-Logic Custom Conveyors (Gravity)

Available in 350mm to 1000mm, 1000mm to 2000mm and 2000mm to 3000mm. Exact conveyor length has to be specified. Available conveyor length always in 50mm steps.
Shortest conveyor 350mm

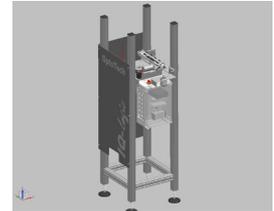


Job Tray Stacker / De-Stacker

Includes: Conveyor; Lifting/Stacking unit; Clamping unit; Sensors and Separator; Independent control (no connection to IQ-Control necessary)

Rotary Units (0° to 90°)

Includes: Rotary unit 90°; Job tray separation; Stoppers; Sensors; Independent control (no connection to IQ-Control necessary)



Switches (90°)

Inbound-and outbound version available

Includes: Rotary unit 90°; Job tray separation; Stoppers; Sensors; Barcode reader; Independent control with IQ-Control connection for outbound switch version; Independent control (no connection to IQ-Control necessary) for inbound switch version



IQ-Logic Central

2 Versions available: 4 connections or 6 connections

Includes: Rotary unit 4 x 90°; Lateral unit (6 connections version only); Job tray separation; Stoppers; Sensors; Barcode reader; Independent control with IQ-Control connection



IQ-Logic Reversal Units

2 Versions available:

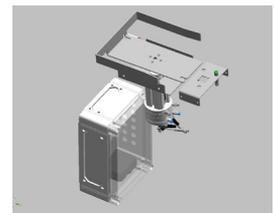
1. Right to left (for Blockers)
2. Left to right (for Generators)

Includes: Lateral unit; Job tray separation; Stoppers; Sensors



Job Tray Turning Unit

Includes: Turning unit 180°; Job tray separation; Stoppers; Sensors; Independent control (no connection to IQ-Control necessary)



Elevators

4 Versions available: 1. Elevator straight; 2. Elevator 90°; 3. Elevator Switch Inbound 90°; 4. Elevator Switch Outbound 90°.

Includes: Elevator unit; Job tray separation; Stoppers; Sensors; Independent control (no connection to IQ-Control necessary for Versions 1-3); Independent control with IQ-Control connection for Version 4 only





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IQ-Lab Cockpit

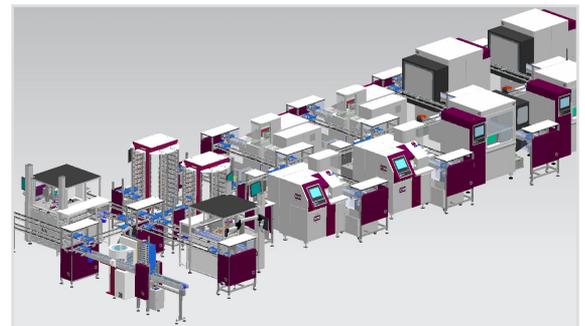
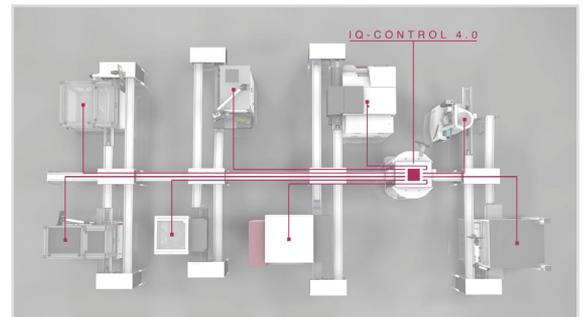


IQ-Control Software

- Intelligent and flexible control of your automation via IQ-Lab Control Computer.
- Consists of central control and configuration software.
- Allows intelligent job routing, load balancing of machines and tracking of jobs.
- Highly configurable system.
- Robust against manual intervention (job status adapted if jobs moved manually).
- Real-time optimization (cyclic recalculation of routing depending on actual machine throughput).
- Mobile, device-independent access to operation control and supervision functions (browser access).
- Industry 4.0 ready

Multifaceted Lab Logistic Solutions

- Space saving arrangement
- Low power requirement
- Maximum flexibility: The components allow a highest degree of individualization. Thousands of possible configurations.
- Due to our open system, our standardized IQ-Logic automation components fit for any existing automated production. Full compatibility to other non-OptoTech equipment.
- OptoTech IQ-Logic components can easily be expanded to increasing production capacities
- Noise reduction due to special conveyor design
- Simple installation: Easy to integrate, easy to operate and easy to configure
- Full system also available for small A&R job trays



Let us help you to maximize your productivity!

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Benefits