



OptoTech

IQ-Insights



The New LENS WASHER

Wash it. Clean it. Dry it.

The new Lens Washer from OptoTech

The Lens Washer is a fully automated system for cleaning ophthalmic lenses, sun protection lenses made of plastic and mineral glass, as well as casting molds made of mineral glass. It removes any adhesive, polishing or dirt residues and fingerprints on the lens and ensures the perfect preparation of lens surfaces for inspection and hard-coating process.

Clean

Multi-stage cleaning process and special air control system for spotless lens surfaces

Fast

Highest throughput rates of at least 480 lenses/h

Flexible

Number of chambers can be defined individually according to customer requirements

Optimized Energy Concept

Highest isolation standard and double-walled casing for significant heat and energy conservation



[Click here](#) to watch the video

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Smart Solutions for Professionals



Multi-stage cleaning process for spotless lens surface:

1. In the first brush station the washing solution contains a special chemical formular which dissolve any hard residues
2. The second cleaning phase consists of 2 consecutive washing station that use DI-water to remove any substances on the lenses
3. In the last stage the lenses are dried in a drying station with a unique air jet and filter system for consistent air control

Highlights:

- Multi-stage cleaning process and special air control system for unreached dry lenses. Perfect preparation for inspection and hard-coating process.
- Modular system for easy customization and transportation
- Brush station with 4 rotating brushes driven by servomotors with adjustable rpm
- Fully equipped water tanks with integrated heating elements and sensor systems for consistent temperature management
- Compact layout for small footprint and optimized design for easy maintenance and accessibility
- Closed system: no external exposure to dust or dirt
- Optimized energy concept: double-walled casing with insulation material for significant heat and energy conservation
- Low temperature emission into the environment due to highest isolation standard. At a process temperature of up to 90° C, no protective gear is needed for areas of contact
- Fully automated inline process with performance capacity of 480 lenses/hour

Further information can be found on our website:

<https://www.optotech.de/en/ophthalmic/lens-washer> or by contacting your local sales representative. We look forward to hearing from you!

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