



OptoTech

OHC-150

Cleaning and Hardcoating System for Ophthalmic Lenses

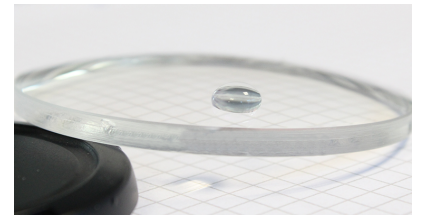


The OptoTech Hard Coating System (OHC) combine cleaning with ultrasonic and thermal cure dip coating for ophthalmic lenses. The OHC hardcoating systems are characterized by the product quality for which OptoTech is known, ease of use, and exceptional reliability in the daily production operation. Our hardcoating systems use well proven technologies to deliver lens surfaces that are pristine and contamination-free.



Technical Data

| | OHC-150 |
|---------------|--|
| Application | Cleaning and Hardcoating System for Ophthalmic Lenses |
| Accessories | Curing ovens; Laminar flow booth for loading under clean room conditions; Ionizing air gun; Toolings; Laboratory scales; Ultrasonic test meter; Viscosimeter |
| Batch Size | 8 Pair |
| Lens Material | All organic Materials |
| Productivity | 150 lenses/h |
| Dimensions | Width: 3920 mm, Height: 2000 mm, Depth: 1200 mm |
| Disclaimer | All data are subject to change without notice. Please verify details with OptoTech. |



Highlights

- The OptoTech Hard Coating Systems (OHC) combine cleaning with ultrasonic and thermal cure dip coating for ophthalmic lenses
- The OHC hardcoating systems are characterized by the product quality for which OptoTech is known, ease of use, and exceptional reliability in the daily production operation
- Our hardcoating systems use well proven technologies to deliver lens surfaces that are pristine and contamination-free
- Fully automated hard coating systems with in-line cleaning
- Clean and contamination-free surfaces
- Integrated HEPA-filter system for laminar flow class 100
- Only high-quality parts are used for manufacturing

System Advantages

- Flexible and easy-to-operate
- High quality, customer-oriented coatings
- Constant process quality
- Get systems, cleaning solutions, lacquers and process know-how from one source

Performance Characteristics

The system comprises a comprehensive multi-stage cleaning process, followed by thermal cure dip coating with up to four lacquering tanks for 2 primer stages for polycarbonate lenses and two different lacquers for low and high index lens materials