OptoTech

OAC-140 Fast

Vacuum Box AR-Coating System for Ophthalmic Lenses

The OptoTech OAC-140 Fast evaporation coater is used for the application of high quality anti-reflective (AR) coatings and clean coats (CC) on ophthalmic lenses. The OAC coating system is characterized by the product quality for which OptoTech is known, ease of use, and exceptional reliability in the daily production operation.

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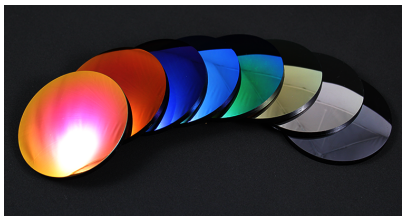
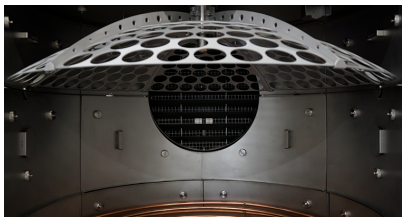
Technical Data

	OAC-140 Fast
Lens Capacity for Standard Process	Ø 70 mm: 240 Lenses Ø 65 mm: 270 Lenses
Lens Material	All Material
Dome	6 Sectors per Batch
Dimensions	Width: 2350 mm, Height: 2340 mm, Depth: 3550 mm; Please note the installation plan
Weight (approx.)	4800 kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.





Highlights

- Highest throughput rates: Door-to-door times only 28-32 min
- High quality stainless steel vacuum chamber with electropolished surface
- Improved pumping system with diffusion pump and pre-pump
- Revolutionised Meissner-Trap layout with new cryo-cooler unit (Telemark 4800) to reduce the defrost time
- New venting phase and system
- Process control unit with user interface
- Electron-beam evaporation system
- Thermal evaporation source
- Ion source
- IR-heating system
- Thin film deposition control with quartz crystal method
- Special version for gradient sunglasses available (OAC-140SP)

System Advantages

- Perfect for large RX-labs
- Reliable in the daily production
- Easy-to-operate, highly flexible and with very short cycle times
- Highest throughput rates

Performance Characteristics

DURACOTE - AR coating on plastic lenses
DURAFLEX - Mirror coating in different vibrant colours
DURAQUARTZ - AR coating on mineral lenses
IRIDIO - Anti-static coating
IR PROTECT - IR protection with NIR blocker
RELAX - Blue light protection filter
UV - UV light protection filter
Tinted AR - Tinted lenses in grey or brown (solid)

Options

- Turbo pump

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