



OptoTech

OAC-60

Vacuum Box AR-Coating System for Ophthalmic Lenses

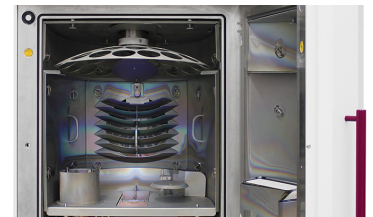


The OptoTech OAC-60 evaporation coater is used for the application of high quality coatings like anti-reflective (AR) coatings and clean coats (CC) on ophthalmic lenses. It is the ideal coating unit for low volume and flexible lens production. The OAC coating system is characterized by the product quality for which OptoTech is known, ease of use, and exceptional reliability in the daily production operation.



Technical data

	OAC-60
Lens Capacity for Standard Process	Ø 70 mm: 42 Lenses; Ø 65 mm: 48 Lenses
Dome	1 Sector per Batch
Dimensions	Width: 800 mm, Height: 2000 mm, Depth: 1720 mm; Please note the installation plan
Weight (approx.)	1345 kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.



Highlights

- High quality stainless steel vacuum chamber with electropolished surface
- Highly flexible and with shortest cycle times less than 30 minutes (single side)
- Pumping system with turbo pump and pre-pump
- Advanced pumping with Meissner trap
- Process control unit with user interface
- Electron-beam evaporation system and Ion source
- Thin film deposition control with quartz crystal method

System advantages

- Perfect for small RX-labs and reliable in the daily production
- Easy-to-operate, highly flexible and with very short cycle times

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

- Meissner-Trap with Polycold for shorter cycle times
- Wide range of coating consumables and coating materials