



OptoTech

OAC-75

Vacuum Box AR-Coating System for Ophthalmic Lenses



The OptoTech OAC-75 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.



Technical Data

	OAC-75
Lens Capacity for Standard Process	Ø 70 mm: 60 Lenses; Ø 65 mm: 72 Lenses
Dome	3 Sectors per Batch
Dimensions	Width: 1000 mm, Height: 2070 mm, Depth: 1998 mm
Weight (approx.)	1650 kg



Highlights

- High quality stainless steel vacuum chamber with electropolished surface
- Pumping system with turbo pump and pre-pumps
- Meissner-Trap with Polycold
- Process control unit with user interface
- Electron-beam evaporation system
- Thermal evaporation source and IR-heating system
- Ion source
- Thin film deposition control with quartz crystal method

System Advantages

- Perfect for small and mid-size RX-labs
- 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

- Diffusion pump
- Wide range of coating consumables and materials available