



OptoTech

# OAC-25 Plus

Vacuum Box AR-Coating System for Ophthalmic Lenses



The OptoTech OAC-25 Plus 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 small production volumes and is optimized for the shortest processing time. 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-25 Plus   |
|------------------------------------|---|
| Lens Capacity for Standard Process | Ø 60 - 80 mm: 16 Lenses   |
| Lens Material                      | All Material  |
| Dome                               | 1 Sector per Batch  |
| Dimensions                         | Width: 700 mm, Height: 1950 mm, Depth: 1600 mm; Please note the installation plan   |
| Weight (approx.)                   | 895 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)
- Compatible with hard coats made by spin-coating or dip coating
- Pumping system with turbo pump and pre-pump
- Process control unit with user interface
- Electron-beam evaporation system
- Ion source
- Thin film deposition control with quartz crystal method
- Available with one sector dome or Flip-Over-System with 8 clips

## System Advantages

- Perfect for small RX-labs and starter with AR-coating
- 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 and water chiller for shorter process cycles
- Wide range of coating consumables and coating materials available
- Dome sectors or Flip-Over insert



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