



OptoTech

# OAC-90 Plus

Vacuum Box AR-Coating System for Ophthalmic Lenses



The OptoTech OAC-90 Plus 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-90 Plus
&nbsp;  DURACOTE	AR coating on plastic lenses
DURAFLEX	Mirror coating available in different colours like silver, gold, blue...
DURAQUARTZ	AR coating on mineral lenses
IRIDIO	Anti-static coating
IR PROTECT	IR protection with NIR blocker
Lens Capacity for Standard Process	Ø 70 mm: 90 Lenses; Ø 65 mm: 117 Lenses
Dome	3 Sectors per Batch
RELAX	Blue light protection filter
Tinted AR	Tinted coating in grey or brown
UV	UV light protection filter
Dimensions	Width: 1500 mm, Height: 2250 mm, Depth: 2400 mm; Please note the installation plan
Weight (approx.)	1800 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
- Pumping system with 2 pumps (turbo pump and pre-pump)
- Meissner-Trap with cryo-cooler
- High performance process control unit
- Electron-beam evaporation system and Ion source
- Thermal evaporation source and IR-heating system
- Thin film deposition control with quartz crystal method

### System advantages

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