



OptoTech

OAC-140F

High Vacuum Coating System for Optical Coatings



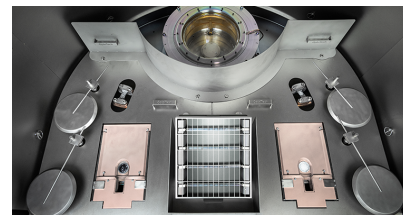
Large Substrates - High Volume

The OptoTech OAC-140F evaporation coater is used for the application of high quality thin films like antireflective (AR) coatings and other kinds of optical coatings and interference filters on optical components on a small scale. 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-140F
Application	Vacuum Coating System for Optical Coatings for Large Substrates and High Volumes
Coating Processes	In the field of precision optics, OptoTech offers a wide range of coating processes. Typical applications are anti-reflective coatings, edge filters, band pass filters, beam splitters, high reflective mirrors and many more. For further details please contact our coating specialists.
Calotte Diameter	1300 mm
Loading Capacity	240 lenses of Ø 70 mm
Dimensions	Please note the installation plan
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.



Highlights

- High quality stainless steel vacuum chamber with electro polished surface
- Customized domes, sectors, planet substrate holders available
- Pumping system with cryo pump and dry pump
- Process control unit with operator interface
- Multi electron-beam evaporation system
- Multi thermal evaporation source
- Plasma source DN400 or gridless Mark2 Ion source with filament or hollow catode
- Heating system
- Thin film deposition control with multi quartz crystal method

System Advantages

- Perfect for mid-size and larger production volumes
- Wide range of competitive coating processes
- Reliable in the daily production
- Highest throughput numbers
- Very short cycle times

Options

- Turbo pump or diffusion pump with Meissner trap and Polycold
- Simultane evaporation
- Broadband monitor: Direct measurement
- Wide range of coating consumables and coating materials available