



# OptoTech

## OAC-140F

High Vacuum Coating System for Optical Coatings



### Large Substrates - High Volume

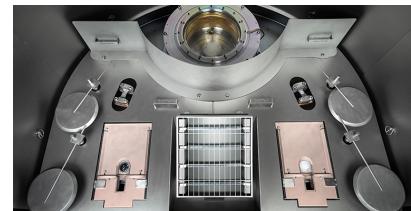
The OptoTech OAC-140F evaporation coater is used for the application of high quality thin films like antireflective (AR) coatings and other kinds of optical coatings and interference filters on optical components on a small scale. The OAC coating system is characterized by the product quality for which 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 cathode
- 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 optical monitor: Indirect measurement
- Wide range of coating consumables and coating materials available