



OptoTech

OAC-90F

High Vacuum Coating System for Optical Coatings



Versatile Vacuum Coater for Highest Quality

The OptoTech OAC-90F evaporation coater is used for the application of high quality thin films like antireflective (AR) coatings and other kinds of 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-90F |
|-------------------|--|
| Application | High Vacuum Coating System for Optical Coatings |
| 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 or send your specifications as request for process support. |
| Calotte Diameter | 850 mm |
| Loading Capacity | 168 lenses of Ø 40 mm 90 lenses of Ø 70 mm 21 lenses of Ø 120 mm |
| Dimensions | Please note the installation plan |
| Disclaimer | All data are subject to change without notice. Please verify details with OptoTech. |



Highlights

- Competitive vacuum coating system for high end coating applications incl. thermal shift free layers
- Flexible production tool available in various configurations
- Pumping system with cryo pump
- Process control unit with operator interface
- Up to 3 electron-beam evaporation sources for simultaneous operation
- Thermal evaporation source
- Ion-source or optional plasma-source
- IR-heating system
- Thin film deposition control with quartz crystal method

System Advantages

- Perfect for mid-size production volumes
- Wide range of competitive coating processes
- Reliable in the daily production
- Easy-to-operate
- Highly flexible
- Shortest cycle times

Options

- Turbo or diffusion pump
- Broadband optical monitor: Indirect measurement
- Plasma source
- Wide range of coating consumables and coating materials available



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