OptoTech

OCF Premium 2

Furnace for Curing Coatings on Ophthalmic Lenses

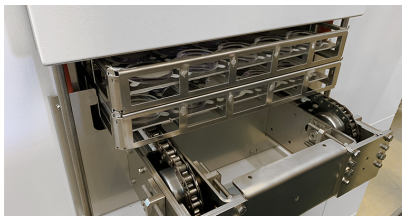


The OCF Premium 2 is especially designed for curing coatings on ophthalmic lenses in a continuous conveyor furnace after the hardcoating process. The modular system has 2 individually controlled heating zones whose working temperature can be set independently of each other offering maximum process flexibility.

OptoTech

Datos técnicos

	OCF Premium 2
Connected load	29 kW
Connection Voltage	3/(N) PE AC 400V +/- 10%, 50Hz
Control Accuracy	+/- 3 K
Conveyor Height	920 mm
Heating Power	26.4 kW
Interior dimensions (WxHxD)	600 x 600 x 1600 mm
Onsite Protection	50 A
Dimensiones	Ancho: 1040 mm, Altura: 2300 mm, Profundidad: 1690 mm
Peso (aprox.)	1000 kg



OptoTech

Características destacadas

- The OCF Premium 2 is especially designed for curing coatings on ophthalmic lenses in a continuous conveyor furnace after the hardcoating process.
- For lens trays that can be stacked on up to 3 layers. There is space for a maximum of 7 trays in a row in the furnace. A maximum of 21 trays can thus be processed at once in the continuous furnace.
- The conveying speed can be set variably (10mm/min to 50 mm/min), as can the working temperature (110° C to 130° C)
- The OCF Premium 2 consists of 2 modules, divided into 2 regulated heating zones (inlet and outlet module. Each with heating and control zone)
- Modular design of the system which allows different furnace setups (number of modules / conveyor length)
- Equipped with a state-of-the-art PLC controller with 7" touch panel
- Construction and equipment of the cleanroom furnace are either CE or UL compliant

Ventajas del sistema

- Continuous workflow in small batches
- Process time savings and energy savings because of missing heat up and cool down periods
- The working temperature can be set individually in each zone which allows to run defined temperature profiles
- High consistency of the temperature (+/- 3K) resulting in stable coating quality
- Low temperature emission into the environment due to highest isolation standard
- Easy maintenance and accessibility due to maintenance flaps on both sides
- Scalable productivity due to stackable lens trays (1 to max. 3 trays stacked)
- Various applications and processes possible

Características de rendimiento

Controller and Software:

- Built-in controller: S!MPAC controller with colored 7" touch panel
- Displayed data: e.g. working room temperature of each heating zone (setpoint and actual value), conveying speed, program name, program status and more.
- Programming: A total of up to 100 different programs can be saved
- The controller is housed in the separately placed control cabinet
- Control cabinet dimensions: 800x400x2000mm (WxDxH)
- Control cabinet weight approx. 150kg

Valid: {04.03.2026}, subject to change without notice

OptoTech Optikmaschinen GmbH
Sandusweg 2-4 | 35435 Wettenberg / Germany | T +49 641/49939-0 | info.de@optotech.net | **optotech.net**

OptoTech s.r.l.
Via Romolo Murri 22/28 | 20013 Magenta MI / Italien | T +39 02 52804085 | info.it@optotech.net | **optotech.net**