



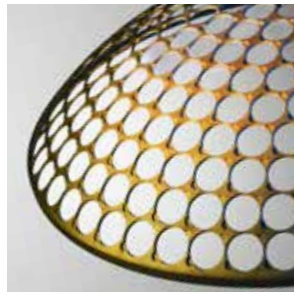
# 1500-X

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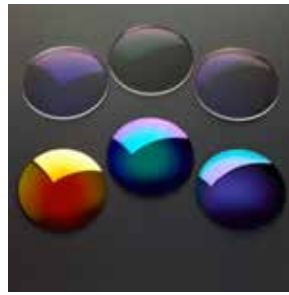
HIGH-VOLUME BOX COATING SYSTEM FOR  
CLEAR AR AND SUN LENSES



User-friendly HMI software



Ringless dome with 9 rows



Clear AR and mirror coatings

## 1500-X

The 1500-X is Satisloh's high throughput vacuum box coater for clear AR and sun lenses. It is the ideal system for large R&D labs and mass-manufacturing facilities that want to maximize their productivity with reliable and consistent coating.

## FEATURES + BENEFITS

- High capacity: up to 305 lenses/batch 70 mm diameter with ringless full dome.
- Unprecedented throughput for multiple processes. The flexible system deposits anti-reflective (AR) and / or mirror coatings on organic and mineral lenses via thermal evaporation process (PVD).
- Big Meissner trap with large surface area reduces pump times at the start of the deposition process. This increases throughput and stabilizes process conditions with excellent repeatable results.
- Powerful and fast diffusion pump system
- Energy saving kit available.
- User-friendly and intelligent HMI software allows operators to quickly input data, set up procedures and change between process parameters.
- E-beam gun provides high flexibility when selecting and changing coating processes (eg: mirrors, AR, colors)
- Simplified E-beam gun features E-beam emitter with fewer parts for easier maintenance, less re-alignment and increased reliability.
- Ion gun improves the adhesion of coatings on various types of substrates and can be used during the layer deposition (ion assistance).
- Full compatibility with Satisloh's MES-360 manufacturing execution system.
- Special substrate holders to produce gradient/bi-gradient/absorbing coatings and available upon request

## OPTIONS

### Tooling solutions for all process applications:

- 6-sector dome (standard and/or ringless)
- 3-sector\* dome (ringless)
- Full\*\* dome (ringless)

\* Only available in Asia Pacific region

\*\* Excluding Asia Pacific region

## TECHNICAL INFORMATION

### Capacity

- For lens Ø70 mm up to 264 lenses (6 ringless sector dome)
- For lens Ø70 mm up to 276 lenses (3 ringless sector dome)
- For lens Ø70 mm up to 305 lenses full dome (ringless)

### Lens material

All organic materials and mineral glass

### Dimensions (wxdxh)

• 2384 x 3295 x 2765 mm/  
94 x 130 x 109 in

### Weight

3580 kg / 7893 lb



All technical data subject to change without notice. Verify details with Satisloh.

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