



# 1500-PO

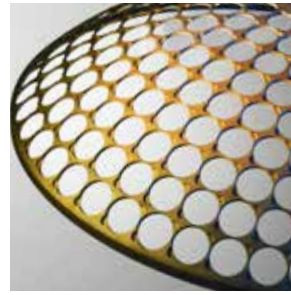
MASS PRODUCTION VACUUM BOX COATER



User-friendly HMI software



Larger Meissner trap



Ringless dome with 9 rows



Hydrophobic and oleophobic top coatings available

## FEATURES + BENEFITS

### Flexibility

- Valuable process flexibility: multitude of thin-film coating types on plastic, glass, and IR optics via physical vapor deposition (PVD)
- High-temperature (up to 300° C) or mid-range temperature (up to 150° C) substrate heater options
- Standard dual crystal heads with shutter, or optional twelve crystal indexer
- High material capacity EBG with IAD and thermal resistive sources, optional high output ion source

### Efficiency

- Rapid production cycles for unprecedented throughput
- Large Meissner trap with exceptional surface area allows for rapid pump down times and therefore higher productivity
- Powerful and high pumping speed diffusion pump at 30,000 l/s
- Energy saving kit available



### Reliability

- Built for continuous operation and consistent high-quality coating results
- New simplified e-beam emitter with 50% fewer parts for increased reliability
- Stabilized process conditions with exceptional repeatability thanks to reduced pump times

### Ease of use

- Full compatibility with Satisloh's MES-360 (Manufacturing Execution System)
- Intelligent, user-friendly HMI software and touchscreen for quick and easy process setup and adjustments
- Quick-change chamber shielding to minimize maintenance time

## OPTIONS + ACCESSORIES

- Ringless full dome with up to 9 rows
- Segmented (six sector) dome
- Ultra-sonic cleaning systems
- Coating processes and consumables

## TECHNICAL SPECIFICATIONS

<b>Capacity</b>	Up to 317 lenses at Ø 70 mm
<b>Substrate materials</b>	Plastic, glass, and IR optics
<b>Dimensions (wxdxh)</b>	2384 x 3295 x 2765 mm 94 x 130 x 109 inches
<b>Weight</b>	3900 kg / 8598 lb

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

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