



1200-PO

HIGH VOLUME VACUUM BOX COATER



High output ion/plasma source (optional)



Larger Meissner trap



Intelligent movable shields



User-friendly HMI software

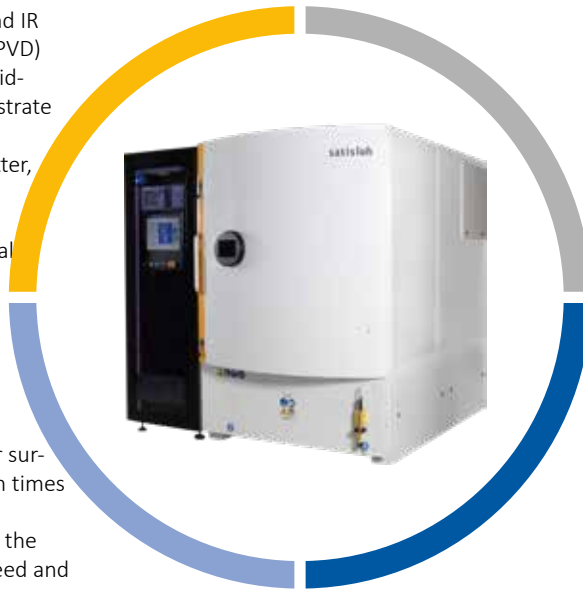
FEATURES + BENEFITS

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

- New Meissner trap with a 15 % larger surface area allows for rapid pump-down times and therefore higher throughput
- Intelligent, movable shield system for the Meissner trap optimizes pumping speed and protects against surface contamination
- Green: Reduced energy consumption by up to 25 %



Reliability

- Consistent high-quality results for large scale coating operations
- New simplified e-beam emitter with 50% fewer parts for increased reliability
- Robust vacuum chamber with welded tubes improves thermal stabilization for maximum fatigue and corrosion resistance

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
- New portable chamber degassing system can be shared among multiple 1200-PO machines

OPTIONS + ACCESSORIES

- Dual axis planetary rotation system
- Full dome or segmented (six sector) dome
- Ultra-sonic cleaning systems
- Coating processes and consumables

TECHNICAL SPECIFICATIONS

Capacity	Up to 209 lenses at Ø 70 mm
Substrate materials	Plastic, glass, and IR optics
Dimensions (wxdxh)	2171 x 3145 x 2440 mm 85.5 x 123.8 x 96 inches
Weight	3637 kg / 8018 lb

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

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