



# 1200-PO

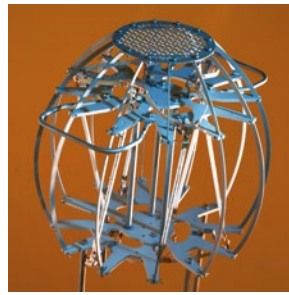
HIGH VOLUME VACUUM BOX COATER



Intelligent movable shields



Larger Meissner trap



New, portable degassing system



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 six crystal indexer (optional)
- Single or dual EBGs with IAD and thermal resistive sources

### 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

- Ringless full dome or segmented (six sector) dome
- Flip-over system for double-sided processing
- Planetary options by request
- Ultrasonic cleaning system
- Hydrophobic and oleophobic topcoatings
- Consumables

## TECHNICAL INFORMATION

<b>Dimensions (w x d x h)</b>	2171 x 3145 x 2440 mm (86 x 124 x 96 in)
<b>Lens materials</b>	plastic, glass, and IR optics
<b>Capacity (ringless dome)</b>	up to 209 lenses at Ø 70 mm

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