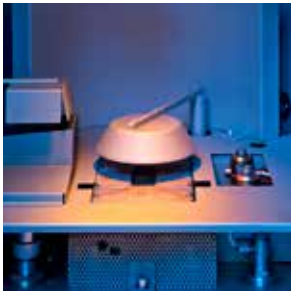


280-PO

COMPACT BOX COATER FOR SMALL-SCALE
PRODUCTION



Robust and reliable system design and proven processes for best quality



Electron beam gun



Easy to operate with a user-friendly touch screen



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
- Full dome for optimum throughput
- EBG with IAD and optional thermal resistive source

Efficiency

- Rapid coating cycle times with Meissner trap water vapor pumping
- Complete coating process solution when combined with ultrasonic cleaning system (optional)
- Efficient pumping system includes preliminary pump and 1200 l/s turbo molecular pump



Reliability

- Consistent coating results utilizing robust and reliable Satisloh system designs
- Proven coating processes and matching coating materials dedicated to specific substrate types and requirements for the highest quality from batch to batch

Ease of use

- Perfect chamber size for small volume production, prototyping, and R&D applications
- Intelligent HMI software allows for quick and easy coating recipe setup and process adjustments
- Fully automated operation with touch screen interface
- Compact system footprint

OPTIONS + ACCESSORIES

- Meissner trap and cascade cooler
- Spectrophotometer with customized software Total Color F+
- Degass oven for polymer optics
- Ultra-sonic cleaning systems
- Coating processes and consumables

TECHNICAL SPECIFICATIONS

Capacity	Max. Ø 72 mm: 30 lenses
Substrate materials	Polymers, glasses, others on request
Dimensions (wxdxh)	1409 x 1481 x 2142 mm 55 x 58 x 84 inches
Weight	1150 kg / 2535 lb

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

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