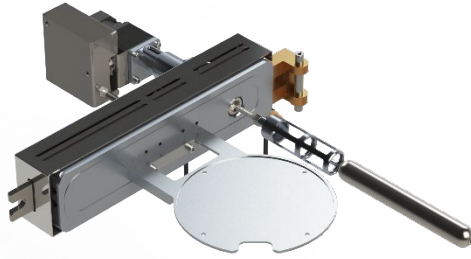


# GEMStar ARR-850600-SR XT Particle Coating Door Option



Molecular Innovation™



*The GEMStar XT HP ARR-850601-SR option is designed to offer GEMStar XT Benchtop ALD Systems the ability to simultaneously process particles and 6" wafers both on a Desktop or attached to a Glovebox*

- ◆ Door supports all XT end effector and cassette options
- ◆ 60 RPM particle canister rotation for improved particle coating performance
- ◆ No tools required to load particle canister
- ◆ Easily replaces the standard XT door with 100% Wiring and Software Compatibility
- ◆ Compatible with glovebox interface option so particle and wafer processing/handling can be done in an inert gas environment
- ◆ Simultaneous metrology with QCM option mounted on standard metrology port
- ◆ Option comes with single particle canister, mount and 150mm diameter EE

## ARR-850600-SR Particle Coating Door Option Specifications

Compatibility	All XT System including PEALD except Load Lock Option
Supports Glovebox Interface	Yes
Particle Process Volume	12 ml
Particle Canister RPM	60 RPM (Adjustable to 200 RPM)
Max Particle Process Temp	300°C
Particle Process Type	Expo Method
Rotational Vacuum Seal	Ferrofluidic
Particle Canister Material	316L SS
All Other Seal Material	DuPont™ Kalrez® Spectrum™ 7075
Power Requirement (AC/DC Adapter Supplied)	120V AC 2.5A
STD Substrate Size	150 mm (6")
Max Substrate Process Temp	300°C
Support of All XT Door Mounted End Effector/Cassettes	YES
Substrate EE Size with Canister	150 mm (6")

***Now comes with easy fill, empty and clean canisters***



### **ARR-850688**

*Particle Canisters are available in a 5 pack with holder*