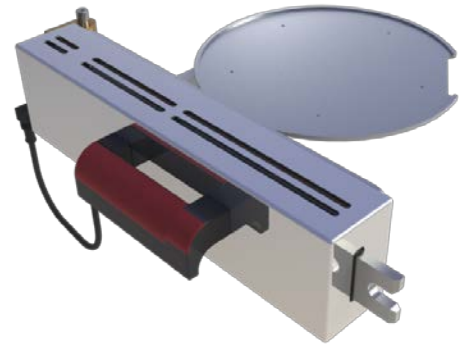


GEMStar XT HP™ Heated Platen Option



Molecular Innovation™

The GEMStar XT HP Heated Platen Option is designed to offer GEMStar XT Benchtop ALD Systems the ability to achieve higher processing temperature than standard. Although not required for most ALD or PEALD processing, this option will allow single substrate processing up to 500 °C while maintaining reactor near manifold temperature.



Some key features of the option include:

- ◆ GEMStar XT 6,8 and PEALD Compatibility
- ◆ 500 °C Maximum Control Temperature
- ◆ Can be easily swapped with STD GEMStar XT system door
- ◆ 100% Electrical/Wiring Compatibility
- ◆ Same easy to load substrate capability as STD GEMStar XT

GEMStar XT HP Specifications	
Compatibility	GEMStar XT 6, 8, and PEAD Systems (Note: Cannot be used with load lock option)
Temperature Range	Up 500 °C
Substrate Size	ARR-850600-6 150 mm Diameter ARR-850600-8 200 mm Diameter
Temperature Measurement	Chuck C/L measurement using Internal RTD Probe
Vacuum Materials	Platen welded 316L for permanent sealing Chuck 6061-T6 Aluminum. Easily removable
O-ring Seals	Kalrez High Temperature
Weight	10 lbs
Electrical	100% Through Standard GEMStar XT Door Connection

