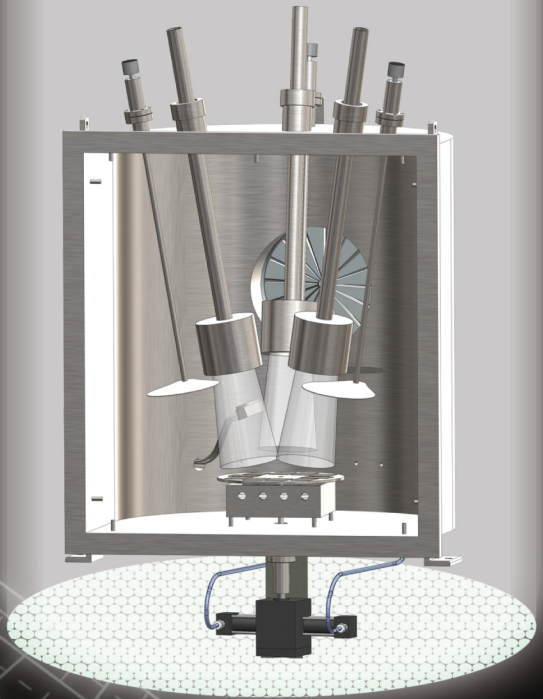


MAGNETRON SPUTTERING SYSTEM

STANDARD FEATURES:

- Electro Polished Stainless Steel Chamber (D shaped Box)
- 4" Diameter View Port on Front Door with Manual Shutter
- Single/Multiple Magnetron Gun Assemblies with Various Target Sizes
- Manual Shutter Assembly for All Sources
- DC / RF Sputtering Deposition
- Turbo Molecular Vacuum Pumping System with Matching Dual Stage Rotary Vane Pump
- Quartz Crystal Thickness Sensor with Deposition Controller
- Mass Flow Controller with Digital Readout
- Full Range Vacuum Gauge with Digital Display & Readout
- Easy Target Mounting
- PLC Controlled System



OPTIONAL FEATURES:

- Water Chiller
- Substrate Pre-Cleaning
- Load Lock Subsystem with Sample Transfer Adaptability
- Multi-Axis Substrate Stage Rotation
- Quartz Lamp Heater (from 300° C up to 800° C)
- Planetary Substrate Stage
- PC Controlled System
- Water Cooled Substrate Stage
- Adjustable Size & Height Available for Substrate Stage
- SQC 310 Film Thickness Monitor & Deposition Controller
- Motorized Shutter Assembly
- Dry Scroll Pump
- Cryo Pumping System
- Cold Cathode or Hot Cathode Ionization Gauge
- Additional Spare Flanges for Future Upgrades



1 Torr = 1 mm Hg

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