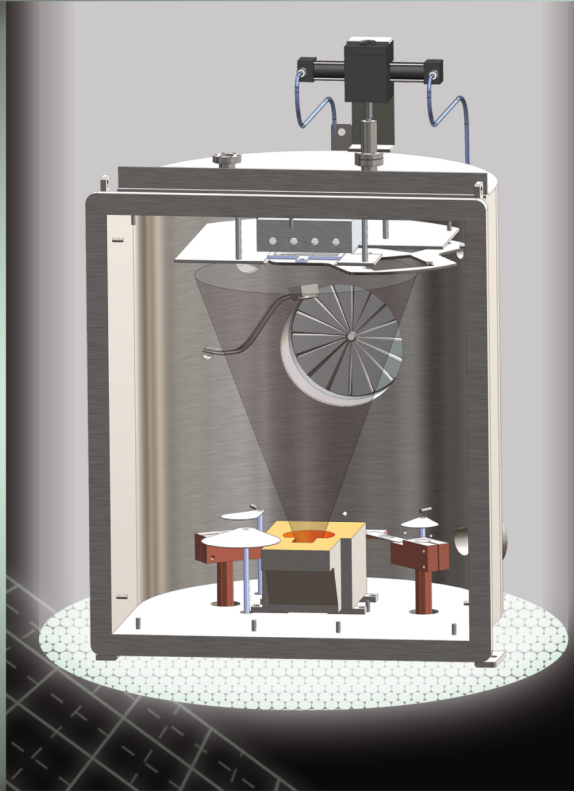


COMBINATION SYSTEM SERIES

ELECTRON BEAM EVAPORATION THERMAL EVAPORATION

STANDARD FEATURES:

- Electro-Polished Stainless Steel Chamber (D-shaped Box)
- 4" Diameter View Port on Front Door with Manual Shutter
- Single/Multi Pocket E-beam Sources with Water Cooled Crucible (4cc up to 75cc)
- High Voltage Power Supply (3kW to 15 kW) with X-Y Sweep Controller
- Turbo Molecular Vacuum Pumping System with Matching Dual Stage Rotary Vane Pump
- Quartz Crystal Thickness Sensor with Deposition Controller
- Full Range Vacuum Gauge with Digital Display & Readout
- Two Resistive Thermal Sources with Individual Shutters
- PLC Controlled System



OPTIONAL FEATURES:

- Water Chiller
- Load Lock System 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
- SQC 310 Film Thickness Monitor & Deposition Controller
- Motorized Shutter Assembly
- Large Capacity Crucible & Power Supply
- Dry Scroll Pump
- Cryo Pumping System
- Cold Cathode or Hot Cathode Ionization Gauge.
- Adjustable Size & Height Available for Substrate Stage
- Additional Spare Flanges for Future Upgrades
- Mass Flow Controller with Digital Readout
- RF Cleaning Capability
- In Situ Mask Changer



1 Torr = 1 mm Hg

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