

ELECTRON BEAM EVAPORATION SYSTEM

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 (from 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 and Readout
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 or Hot Cathode Ionization Gauge

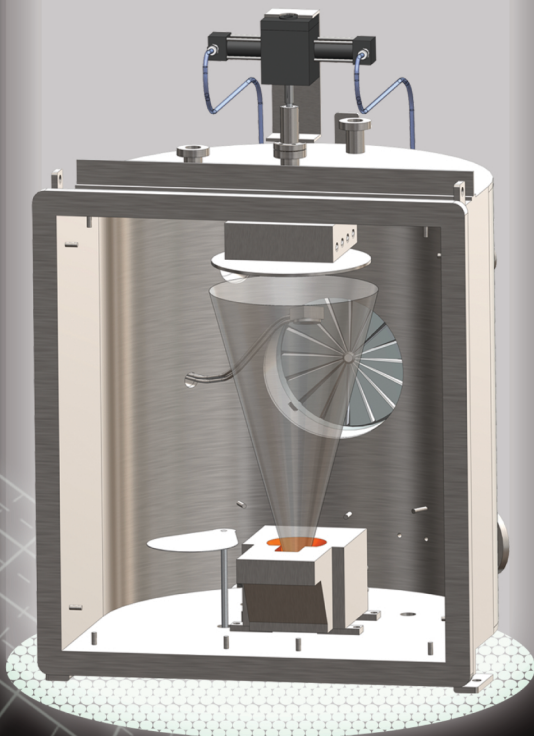
Adjustable Size & Height Available for Substrate Stage

Additional Spare Flanges for Future Upgrades

Mass Flow Controller with Digital Readout

RF Cleaning Capability

In Situ Mask Changer



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