

# THERMAL EVAPORATION SYSTEM

## STANDARD FEATURE:

Electro-Polished Stainless Steel Chamber (D-shaped box)  
4" Diameter View Port on Front Door with Manual Shutter  
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  
Up to Four 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  
Multiple Sources with Power Supplies  
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  
RF Cleaning Capability  
In Situ Mask Changer



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1 Torr = 1 mm Hg

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