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

TORR INTERNATIONAL, INC.
THIN FILM & NANOTECHNOLOGY

Email: torr@torr.com
www.torr.com
(845) 565-4027
(888) MAC-TORR
Fax: (845) 561-7731
12 Columbus Street; New Windsor, NY 12553

1 Torr = 1 mm Hg