

# NEWLY MANUFACTURED ELECTRON BEAM EVAPORATION SYSTEM

MODEL NO: EB4P7C-6kW

## STANDARD FEATURES:

- Stainless Steel D-Shaped Chamber with Front Door opening and a 4" View Port
- 450L/sec turbo pump and controller with Matching Dual Stage Rotary Vane Pump
- 4 pocket 7cc Crucible High Capacity Ebeam Source
- High Voltage Concepts 6kW, 10kV Ebeam power supply
- Manual Indexing for Sequential Deposition of up to four materials for multi layer coating
- X-Y sweep controller
- FTM-2000 Thickness monitor with Quartz Crystal thickness sensor
- 4" Wafer/Sample Stage (Accommodates Up to One 4" Wafer or multiple samples within 4" diameter range)
- Full Range Vacuum Gauge with Digital Display and Readout
- Torr International Inc Designed & Programmed Interlocked controls for safety
- 12 Months System Warranty, System Manual, OEM Manual with pictures and videos, Online Skype Support & Telephonic/E-mail Support will be provided.



## OPTIONAL FEATURES THAT CAN BE INTEGRATED:

- Closed Loop Water Chiller
- Substrate rotation up to 20 rpm
- 6" stage holder with rotational stage capability
- 450° IR Heater for sample heating
- Motorized Indexing
- Programmable X-Y- Sweep Controller
- PLC/PC Control System

\* PLEASE CONTACT TORR FOR FURTHER DETAILS



1 Torr = 1 mm Hg

**TORR INTERNATIONAL, INC.**  
**THIN FILM & NANOTECHNOLOGY**

Email: [torr@torr.com](mailto:torr@torr.com)  
[www.torr.com](http://www.torr.com)  
(845) 565-4027  
(888) MAC-TORR  
Fax: (845) 561-7731

12 Columbus Street, New Windsor, NY 12553  
USA