

C RTE SERIES

COMPACT RESEARCH THERMAL EVAPORATOR

STANDARD FEATURES:

Table Top Thermal Evaporation System (20" x 24" Footprint)
Electro-Polished Stainless Steel Chamber (cylindrical shaped)
KF40 View Port Near Front with Optional 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 Three Resistive Thermal Sources with Individual Shutters
Voltage and Current Readout to Monitor Power



OPTIONAL FEATURES:

SQC 310 Film Thickness Monitor and Deposition Controller
Load Lock System with Sample Transfer Adaptability (Requires Upgrade to Larger D-shaped Box Chamber)
Multi-Axis Substrate Stage Rotation
Water Cooled Substrate Stage
Customizable for Evaporation of Organic Materials
Motorized Shutter Assembly
Co-Deposition Technique Available
Dry Scroll Pump
Closed Loop Water Chiller
Cold Cathode or Hot Cathode Ionization Gauge
Adjustable Size and Height Available for Substrate Stage
Quartz Lamp Heater Ranging from 250° C to 500° C
Adding Spare Flanges for Future Upgrades
RF Cleaning Capability



1 Torr = 1 mm Hg

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

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