

NEW Product from **VAC**

Thin Film Deposition System

Compact, turnkey glovebox
integrated thermal evaporator
system

- Unique base plate design provides for multiple sources configured in an arc at the front of the base plate providing enhanced film uniformity combined with easy source loading and replacement.

- Stainless steel bell jar with viewport and sacrificial glass for easy cleanup of viewing area.

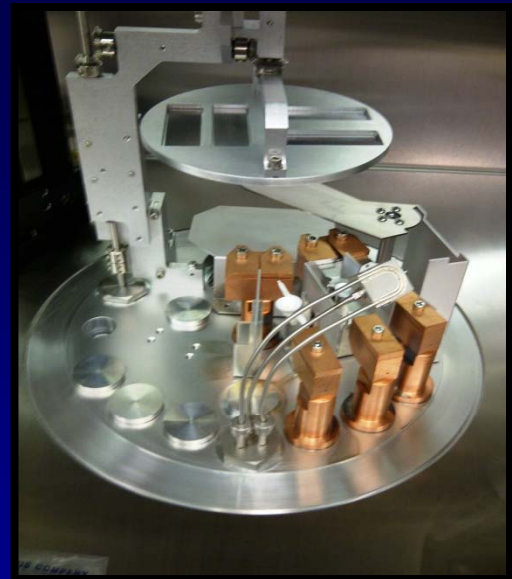
Pneumatic lift raises bell jar following refill from moisture free glovebox atmosphere.

- Pump stack with 300 l/sec turbo pump backed with Edwards RV-8 12 cfm direct drive roughing pump.

- Deposition rate and thickness monitor with slide out crystal drawer for easy crystal replacement

- Integrated touch screen controls with built in diagnostics for all glovebox, bell jar, and evaporation functions. Including automatic pump, vent and built in diagnostics.

- Optional co deposition functions available upon request.



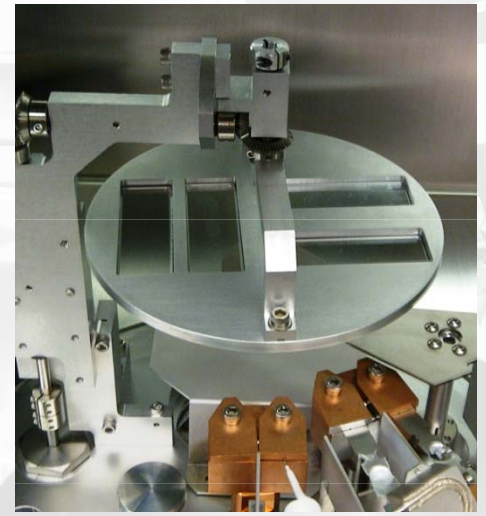
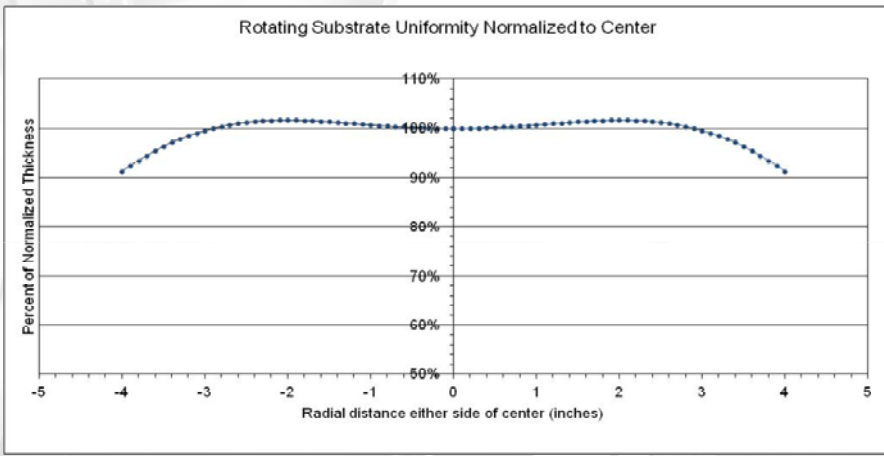
**Main Offices and Manufacturing
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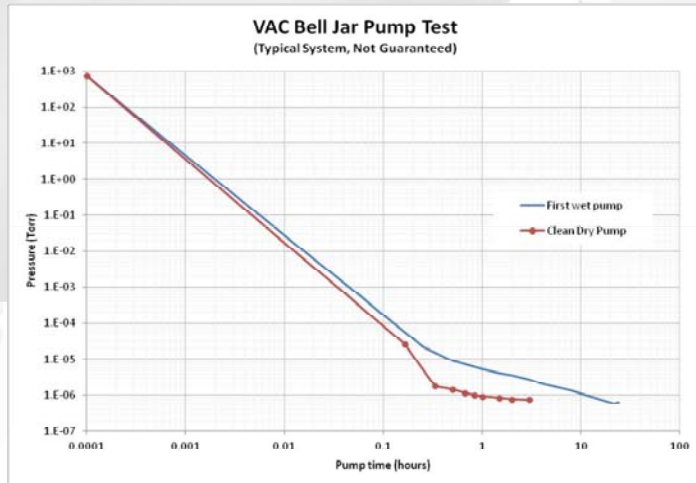
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Direct drive rotary work holder with adjustable height, tilt and rotation speed. Easy to view and reach platen allows for easy mask and substrate loading.

1 - 2% uniformity



Vacuum pressure routinely reaches 5×10^{-7} torr in 4 hours. When populated, 1×10^{-6} in one hour.

For many applications, deposition can be started on 20-30 minutes at $\sim 5 \times 10^{-6}$



NOTE: These results are for reference only. System pump down times will vary depending on numerous variables, including but not limited to, the installed options; the maintenance of the system; and materials being deposited or introduced into the system. Actual uniformity and best source to substrate distance will depend on a number of factors, including but not limited to: material deposited, crucible type and shape and evaporation temperature.

Ask us about our integrated spin coaters, solar simulators, vacuum ovens and various device testing feedthrus

SETTING THE STANDARD FOR OVER 50 YEARS

