THIN FILM DEPOSITION



Nanotechnology Research & Education Center

E-Beam Evaporator

- 10KW Electron gun power supply
- 4 pocket cruible for metal layer stacks
- Turbo pump vacuum system
- 2, 3 & 4" wafers or pieces

Contact: Jay Bieber 813-760-3941



SFI Sputtering Tool Flexible PVD for metals and layed stacks

- 3 S-Guns with many targets (Al, Si, Cu, W, Ti, Cr)
- Reactive Sputter module installed
- 2 10KW DC sputtering supplies
- Load lock and vacuum transfer robot installed

Contact: Rich Everly 813-974-5365



Thermal Evaporator Resistance evaporator for thin metal films

- Switching from up to three different tungsten boats
- Voltage taps to adjust for boat sizes
- 2, 3 & 4" wafers or pieces Contact: Jay Bieber 813-760-3941



CRC Sputter Coater

Small Coater with DC and RF supplies

- Single 2" magnetron gun
- 300W DC and 100W RF Supplies
- Turbo Pumped vacuum system
- Simple design allows quick target changes and fast pumpdown times

Contact: Rich Everly 813-974-5365

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