

Thin film Process: Growth of Thin Film

Equipment : Thermal Evaporation System (HHV) -1

Photograph :



Basic Principle:

In thermal Evaporation technique basically material is heated in a vacuum chamber until its surface atoms have sufficient energy to leave the surface. At this point they will traverse the vacuum chamber, and coat a substrate positioned above the evaporating material.

Capabilities : highly uniform over 1'' x 1'', Thermal evaporator Glove box arrangement

Sample Requirement: Maximum Substrate area should be 1'' x 1''