

Thin film process : Deposition of metallic thin films by thermal evaporation technique

Equipment: Thermal Evaporation system -2

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 deposition over 1” x 1” area, deposition of metal films (eg Al, Au, Ag)

Sample requirements : Max sample size 1"x1".