**Thin film Process:** Growth of Thin Film

**Equipment:** Thermal Evaporation System (HHV) -1

**Photograph:**

![Thermal Evaporation System](image)

**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”