INERT ATMOSPHERE THERMAL EVAPORATION SYSTEM

Intended Use of the Instrument: Vapor Phase Deposition of Organic and Inorganic Materials in Optoelectronic Device Fabrication

Instrument Brand/Model: Nanovak NVHTGB500

AGU CRF Thematic Laboratory: Optoelectronic Device Laboratory

Location of the Instrument: AGU-CRF LAB5

Academic Director(s) of the Instrument:

Prof. Hakan USTA - hakan.usta@agu.edu.tr

Assoc.Prof. Evren MUTLUGÜN – evren.mutlugun@agu.edu.tr

Responsible Specialist(s) of the Instrument:

Res. Assist. Resul ÖZDEMİR – resul.ozdemir@agu.edu.tr

Res. Assist. Ahmet Faruk YAZICI - ahmet.yazici@agu.edu.tr

4-port glovebox integrated thermal evaporation system consist of a high vacuum chamber with four different thermal sources for metal and organic material evaporation, magnetic stirrer hot plate and a spin-coater to fabricate optoelectronic devices in inert atmosphere.