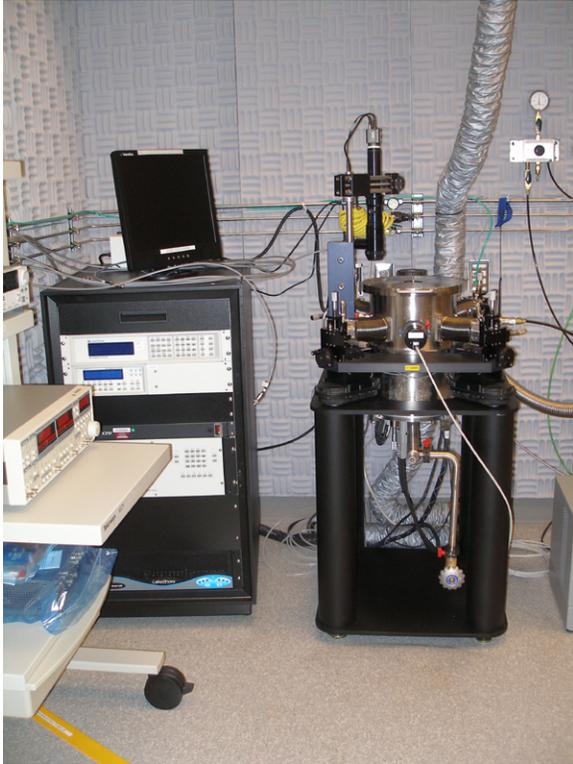


## Experimental Equipment in Lab 1L-35



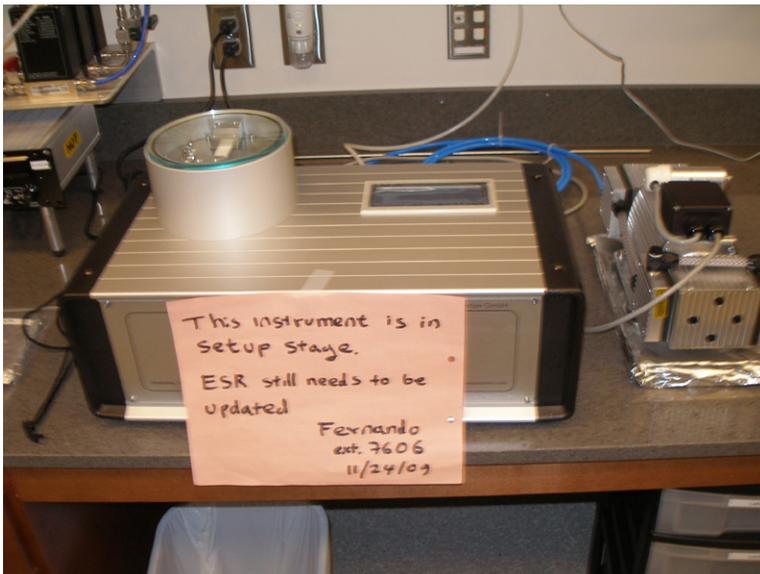
LakeShore HFTTP4 cryogenic probe station. Its capabilities are: low-noise measurements from 4 K up to 400 K, in-plane field from 1 Tesla superconducting magnet and DC to 50 MHz electrical characterization.



Signatone CheckMate Probe Station Main characteristics are: 1) suitable for room temperature characterization, and 2) reliable and simple to use.



Rucker and Kolls probe station. Its purpose is to characterize optoelectronic properties at room temperature, especially for solar photovoltaic devices. It is fitted with solar spectrum simulator and an optical monochromator.



MBE-Komponenten AO500 annealing oven capable of electrical characterization during user-defined annealing protocol. Annealing can be performed under vacuum or under a controlled flow of different gases (Ar, N<sub>2</sub> and H<sub>2</sub>).