

UHV Room Temperature STM System

USM-1000

This system is applied to wide variety of STM, AFM, SNOM observation at room temperature in ultra high vacuum (UHV) condition. The compact design and the excellent vibration isolation system guarantee high stability and high resolution performances.

Features

- STM and STS in atomic scale resolution
- AFM and related MFM, EFM, KFM etc.
- SNOM, near field optical excitation and emission measurement
- In situ deposition of metals and organic materials
- Variable temperature option is available on request



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