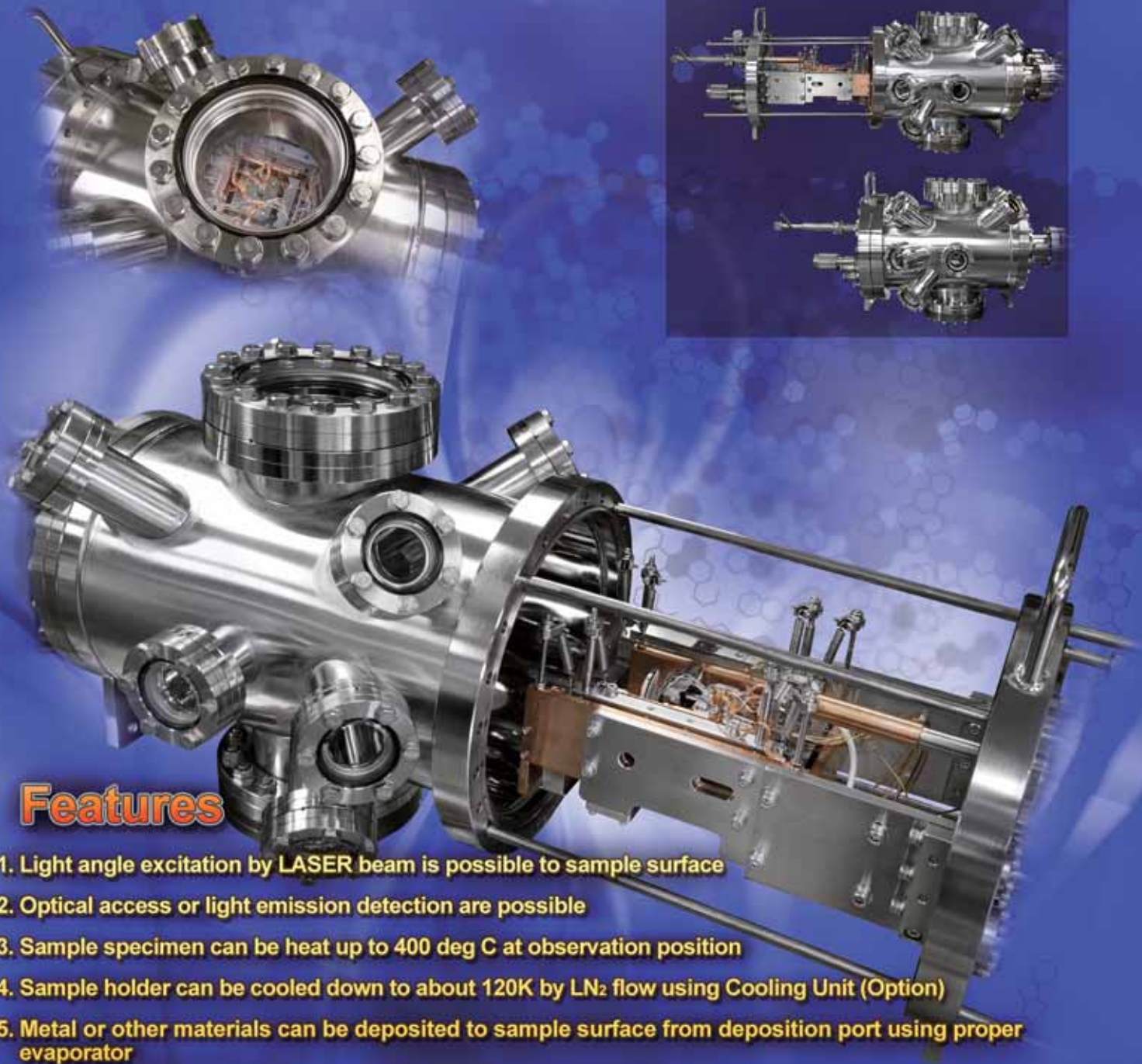


UHV Room Temperature STM System

USM-1000



Features

1. Light angle excitation by LASER beam is possible to sample surface
2. Optical access or light emission detection are possible
3. Sample specimen can be heat up to 400 deg C at observation position
4. Sample holder can be cooled down to about 120K by LN₂ flow using Cooling Unit (Option)
5. Metal or other materials can be deposited to sample surface from deposition port using proper evaporator
6. STM stage have double spring vibration isolation
7. Sample and probe holders are easily exchanged by transfer rod