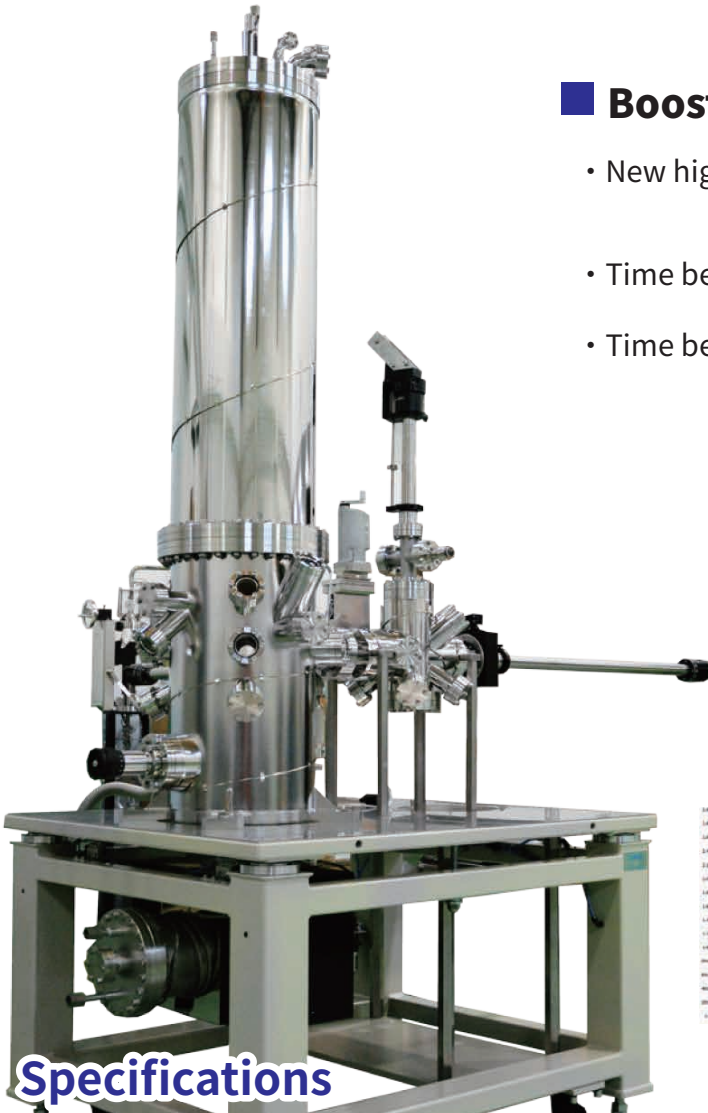


USM1200 Series

Super stable and long time measurement of low temperature SPM
Substantially low cost operation by high efficiency cryostat.

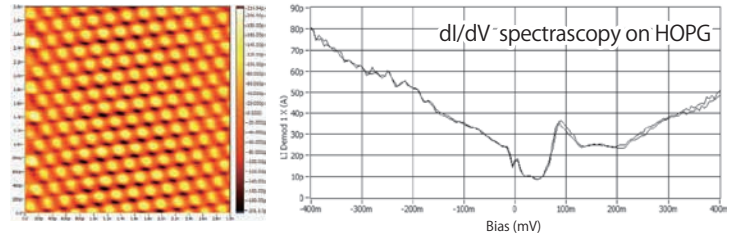


Boost Your Uptime, Reduce Your Costs


- New high efficiency cryostat minimises the LHe consumption to 0.7 l/day
- Time between LHe refills is > 12 days
- Time between LN2 refills is > 1 week

Incredible STM performance

- Low drift imaging
- No vibration by bath type cryostat
- High stability of temperature



Specifications

Model	USM1200LL
SPM scanner	Traditional UNISOKU Style
Scanner	1.7 × 1.7 × 0.25 μm ³ @ 5K
SPM function	STM, q-Plus AFM
Sample holder	Bayonet type 
Option	High NA lens on piezo positioner
	Variable temperature 5K ~ 80K
Cryostat	Ultra low loss, Extremely low consumption Hold times: LHe > 300h, LN2 > 170h

The result of holding time on prototype Cryostat

