

Now available from
UNISOKU

UNISOKU
TII Group
MUTUAL SATISFACTION

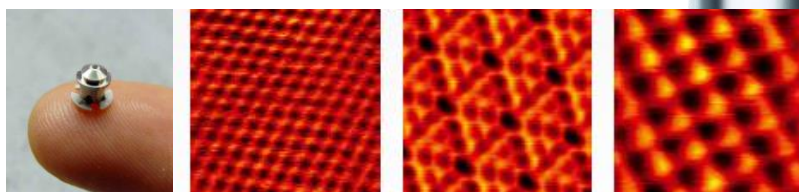
JT-SPM

Joule-Thomson Scanning Probe Microscope



TYTO™ SPM Head

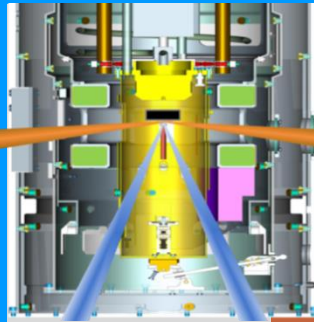
Kolibri™ AFM





Low He consumption + in-situ access

sophisticated shields + LHe hold time > 3 days
Joule Thomson stage with low He consumption
1.2K base temperature typical (1.5K guaranteed)



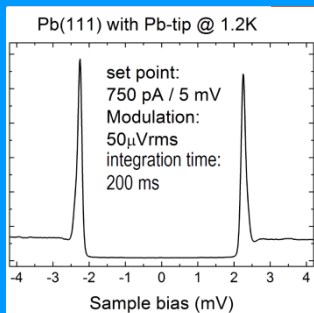
3 Tesla Magnet

split pair magnet for superior homogeneity
free access to tip + sample for in-situ deposition
user programmable 4-quadrant control system



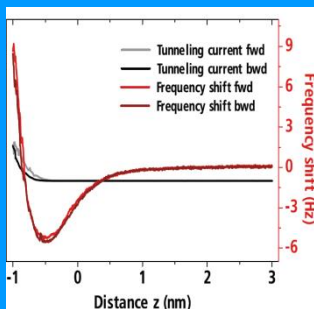
Access to Tip and Sample

TYTO™ SPM head, 2 LASER, 4 deposition ports
3 axes coarse motion
large scan range (4/4/0.4)μm @ T<5 K



Ultimate Spectroscopy Performance

high resolution STM
spectroscopy resolution to the thermal limits
spin resolved measurements



Kolibri™ AFM Sensor

1MHz quartz resonator
high detection speed, high scan rates in AFM
ultimate sensitivity, no crosstalk with STM