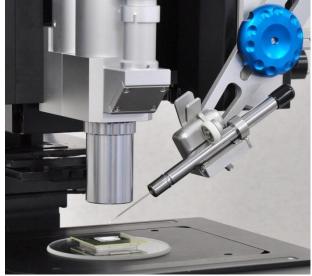
on bottom of tool

Super fine pitch rotator HPR-2

A highly accurate posture control can be operated by a smooth tool rotation !!



- ◆Very useful for lifting out of a foil made by FIB or particle isolation
- ◆Samples and foil may be easily released because of the three axis control of the manipulator and the rotation of the probe
- ◆Easy installation on Axis Pro micromanipulator or QuickPro manipulator arm
- ◆Glass tools may be used for lift-out. Tungsten and super hard probes can also be used with the tool

《Application》

- Lift out a foil made by FIB (Delivery to TEM grid)
- Accurate placement of particle on AFM cantilever
- Precise direction and angle control of particle delivery to analysis surface

«Lineup of tools»

- FIB liftout
- · Sampling probe (MST-007,005,002)
- Foreign substance sampling
- · Tungsten probe (TP-0005,001,005,010,030)
- Milling or Cutting
- Tungsten carbide tool (MPE-1,2,4 /CP-005/KE-1,2)



(Super fine pitch rotator) HPR-2 (for either right and or left hand)

②Rotator arm (for either right and or left hand)

Rotation control of gathered substance

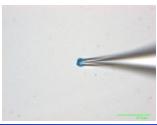
Picking up and transferring 30µm foreign substance (using 0.5 micron tungsten probe)







Picking up and transferring 5µm toner (using 5 micron glass probe)







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