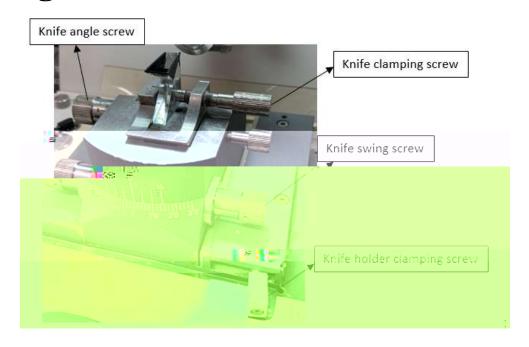
## Using Recident-Jung Ultracut EU tramic tome to out semithin section and ultrathin section

1. Rtatinnedblockirtothesamleholderanddamps le on



- 5 Rtaglassordanundkrife on the krife holder and securely tighten the krife by krife damping lever:
- 6 Milesuethekrifeargleis 6. If not, adjust thekrifeargle to 6 by krife anglesonew



- 7 Birgthekrifeholderstage to within several millimeter of the blockfield in the specimenam by looking from the side of the ultramic otome.
- 8 Lockthoughtheniaotoneniaoscapeardirject waterinto the krife boat, adjust the water level until an incrite area on the water surface can be seen behind the krife edge and the krife edge is completely wet.
- 9 Use the hardwheel (anthenight side) to bring the speciment others are level as the krife edge.
- 10 Carefullymove the B! nd into t

2) Rotate the sample block by sample holder rotating screwurtil the bottom of the block face parallel to the krife edge.

4) Tilt the sample blockfære up ordown by the sample hokkritingsom to make the krife edge reflection on the top of the blockfære is equal to

- 12 Slowlymoveforwardthekrife (using krife coase advance knd) until the krife edge reflection just disappear:
- 13 Set cutting window turn the hand wheel so the sample is an the forward cutting studie. Lift the cartral lever (an the right side of the microtone).

  Turn the hand wheel until it stops. Then turn the tight feel hand wheel up arrow until the top edge of the block face is just below the knife edge. Lover the cartral lever to its original position.
- 14 Toat senithnsedions, set attingspeed at 2 mm/sec by attingspeed knob, press down the toggle switch for senithin and ultrathin to select senithin section thickness (eg O5 m).

15 Depress the control lever; microtome will automatically start to cut. When the first complete section is cut, continue cutting 4 10 sections

16 To begin cut ultrathin sections on sections.