

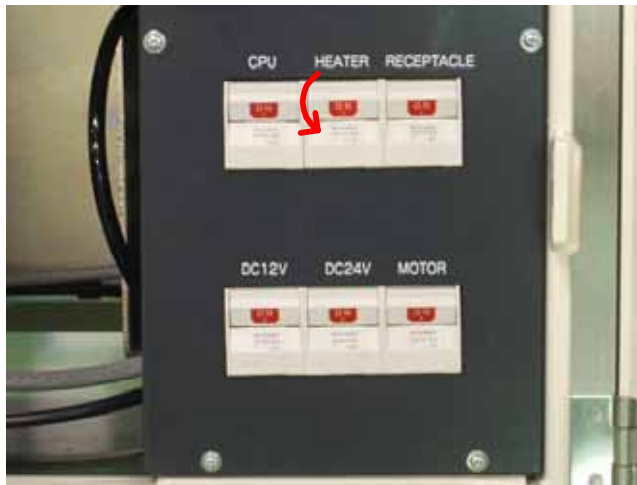


9. Adjustment

9.1 Applying roller parallelism

	<div data-bbox="708 322 785 394"></div> <div data-bbox="852 331 1085 385">WARNING</div> <p data-bbox="501 403 1474 616">Wear the glove when you touch the chuck table. Touching the chuck table with bare hands cause of burn injuries. Failure to observe the caution may cause of injuries to human body and damage/performance decrement of the equipment.</p>
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- (1) Turn off the [HEATER] switch of the power box. Check whether the chuck table temperature is fallen.



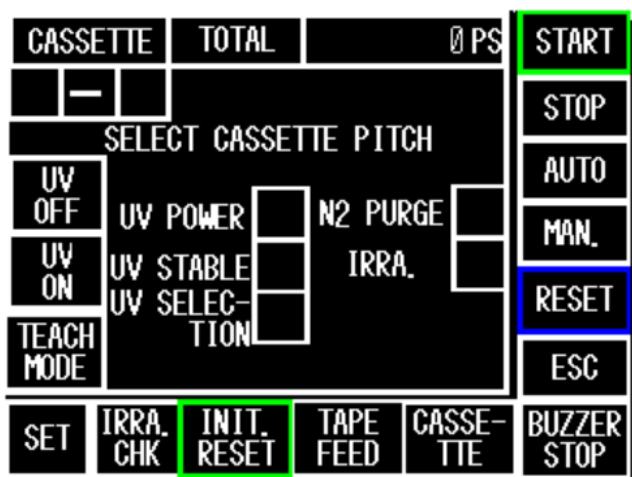
Do not use the cutter knife. It may give damages to the rollers.

- (2) Cut the peeling tape with the scissor.

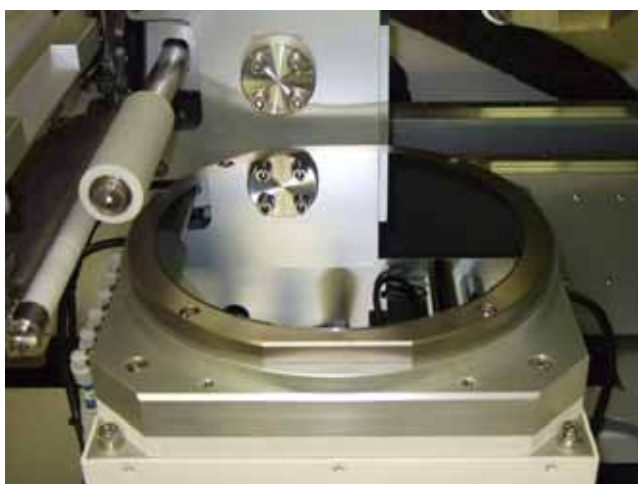
9.1 Applying roller parallelism (Continued)



- (3) Connect the teach pendant with the machine, and press [TEACH MODE] key on the MAINSCREEN.

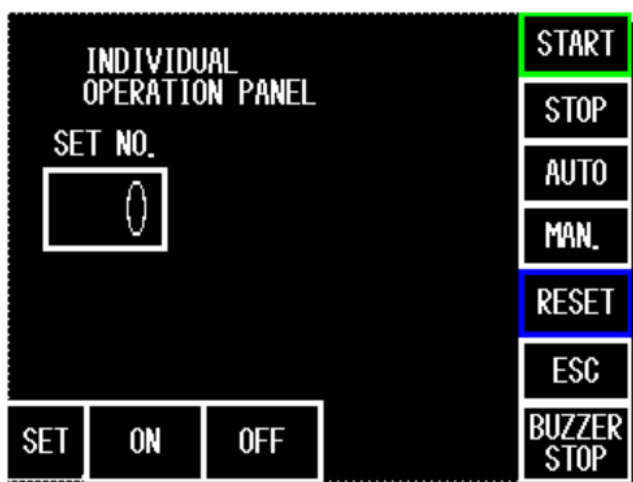


- (4) Press [MAINTENANCE] key on the teach pendant. "RANDOM" is displayed on the teach pendant screen.
Press [BUZZER STOP] key on MAIN SCREEN.
Press [SET] key on MAIN SCREEN.
"INDIVIDUAL OPERATION PANEL" is displayed.

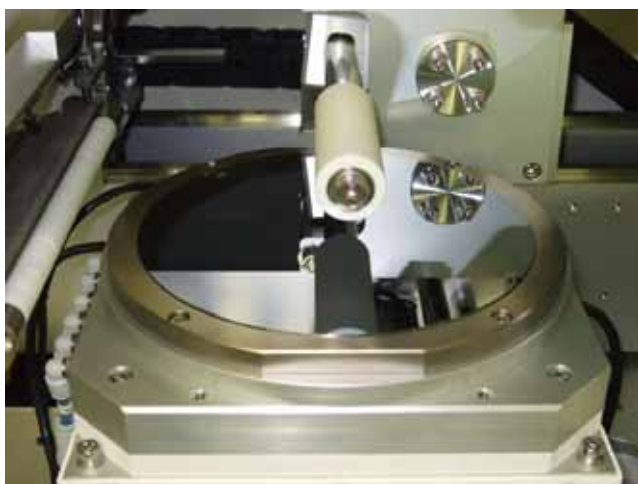


- (5) Place a wafer on the chuck table.
(8-inch wafer is used in the photo shown left)

9.1 Applying roller parallelism (Continued)



- (6) Press the display of "SET NO.". The keyboard is indicated. Enter "745" (Chuck table unit vacuum 8") or appropriate I / O number to vacuum the wafer in use, and press [ENT] key. Pressing [ON] key vacuums the wafer.

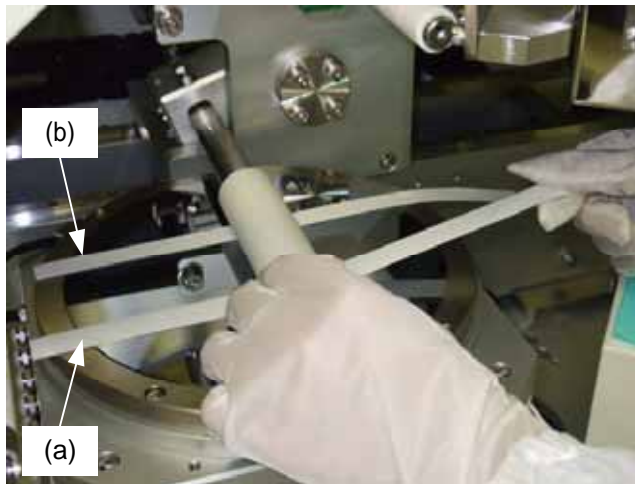


- (7) Enter "701", and press [ENT] key. Keep pressing the [ON] key until the applying roller moves to the middle of the wafer.



- (8) Prepare 15mm wide strip of paper, and place them on the wafer.
- (9) Enter "735", and press [ENT] key. Press [ON] key to hold the papers.

9.1 Applying roller parallelism (Continued)



(10) Pull the both papers by the same force.
Hold the applying roller with hand not to turn.

When 2 papers tension is about the same, no need to do fine adjustment.

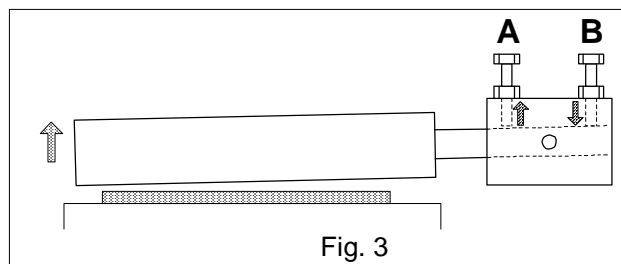
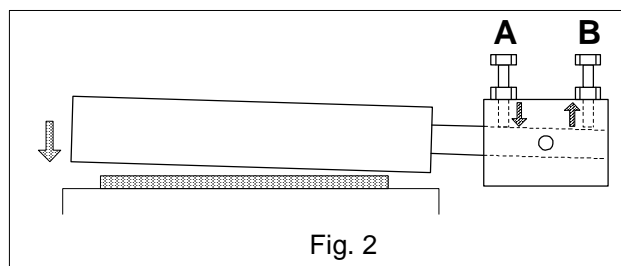
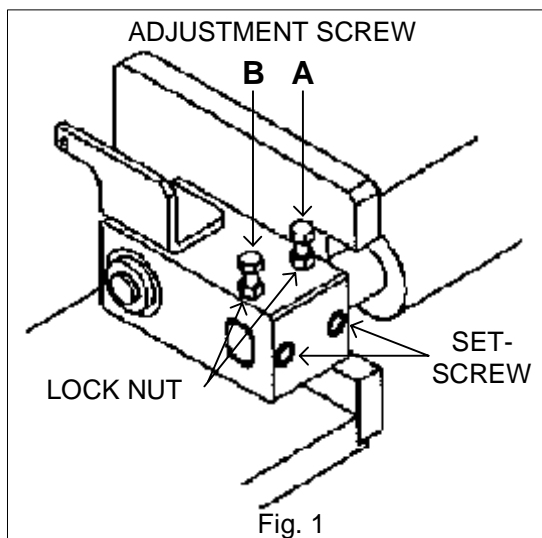
When 2 papers tension is different, adjust the applying roller height according to the procedure shown on the next page.

(b) is stronger than (a):
Perform <1> shown on the next page.

(b) is weaker than (a):
Perform <2> shown on the next page.

9.1 Applying roller parallelism (Continued)

<Adjustment procedure>



<1> (b) is stronger than (a):

- (1) Enter "735", and press [OFF] key to move the applying roller upward.
- (2) Loosen the setscrews shown Fig.1.
- (3) Loosen the lock nuts shown Fig.1.
- (4) Loosen the adjustment screw B, and tighten the adjustment screw A to move the applying roller end downward. (Fig. 2)
- (5) Tighten the lock nuts, and fix them with setscrews.
- (6) Check the parallelism of the applying roller with the procedure shown on previous page again.

<2> (b) is weaker than (a)

- (1) Enter "735", and press [OFF] key to move the applying roller upward.
- (2) Loosen the setscrews shown Fig.1.
- (3) Loosen the lock nuts shown Fig.1.
- (4) Loosen the adjustment screw A, and tighten the adjustment screw B to move the applying roller end upward. (Fig. 3)
- (5) Tighten the lock nuts, and fix them with setscrews.
- (6) Check the parallelism of the applying roller with the procedure shown on previous page again.