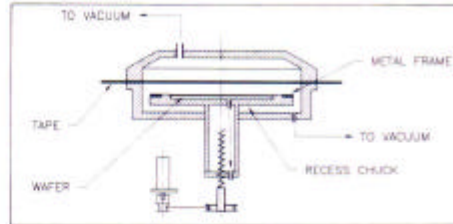


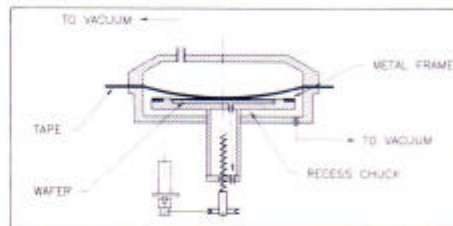
FEATURES :

1. Contactless mounting
Recessed chuck holds wafer at edge only.
Tape mounted by vacuum method. No roller required. No air bubble.
2. Chuck configuration independent of wafer thickness.
3. Uniform tape mounting pressure across entire surface of wafer. Micro cracks due to localised pressure are avoided.
4. Controlled tape tension.
5. Auto tape feed and cut. Auto used tape rewind system and separator tape rewind system also available.
6. Wafer can be mounted at 0°, 90°, 180°, 270° relative to film frame by rotating chuck.
7. Easy conversion.
Wafer size change less than 10 sec.
Wafer, frame & tape change less than 8 min.
8. Partial wafer mounting possible.
9. PC control with menu programming. Monitor display of number of wafers processed.
10. Diagnostic program with display to indicate error location.
11. Safety light beam curtain and EMO.
12. Film frame presence detection.
13. End of tape detection.
14. Dual ionizers to eliminate static charge.
15. Machine status lamp & stand-alone construction.
No extra bench required.
16. UV tape capability.
17. UL / SEMI S2-93 safety standard compatible.

MOUNTING PROCESS:



1. Chamber closed, Vacuum generated within chamber.



2. Tape stretched & ballooned down to touch wafer back side due to differential vacuum, starting at center of wafer.
3. Chuck moves up until tape covers complete wafer and frame, while maintaining differential vacuum to keep tape stretched.
4. Chamber vacuum releases and opens. Tape cutting mechanism moves in automatically to cut tape around perimeter of metal frame.

SPECIFICATIONS:		
Wafer Diameter :		3" to 8"
Frames:		Standard Disco or K&S frames, Others on request,
Tapes:	width	265mm for 6" frame, 345mm for 8" frame
	length	100m
	thickness	0.05 - 0.15mm
Wafer Table:		Non-contact type with vacuum system
Wafer Table Temperature: (optional):		Up to 60° C.
Cycle Time:		30 sec for 6" wafer
Through-put:		60-80 wafer per hour
Facilities:		Electrical : 220Vac, 50/60 Hz, 15A Compressed Air: 60 psi dry air.
Machine Dimensions:		720mm(w) x 810mm(D) x 1700mm(H)
Shipping Dimensions:		1070mm(W) x 1070mm (D) x 2030mm(H)
Machine Weight:		250 kg
Shipping Weight:		430 kg

specifications subject to change without notice