

Baseplates pre-production status

- Shipping and production schedule:
 - Nov 4, 24: 50 Full-CuW, 10 Full-Ti → 44 CuW, 16 Ti?
 - Dec 2, 24: 70 Full-CuW, 50 Full-Ti
 - Feb 3, 25: 184 Full-CuW, 40 Full-Ti, 16 Bottom-Ti
 - Mar 3, 25: 155 Full-CuW, 78 Full-Ti, 8 Bottom-Ti, remaining 48 CuW and 48 Ti partials
- Delivery status:
 - 39/44 CuW plates have been laminated
 - 0/16 Ti plates have been laminated
- Important notes:
 - We want to re-check the quality of the laminated plates before applying glue tape
 - We have a very basic dispensing program for Ti. Maybe not good enough. Full glue?
- Glue tape to apply on kapton for full baseplates arrived yesterday
 - Is it the same for left/right, i.e., we should rotate it according to the target position?

Feedback from Tobias and Stefan

Stefan and Tobias came to the clean room and check the procedure we follow

- The bend plate “collapses” when kapton is applied on top of it and the vacuum system turned on
 - Need to turn the bend plate screw even just to have a flat-ish plate
- The flatness measurements we perform are more thickness measurements
 - Need to put the baseplate on three pins and not directly on the table
 - The 10-points sampling is not dense enough → better to drag the flatness tool along the plate
- Microcalipers must always be moved such as the last movement is “pushing”, otherwise we may not get the results we expected
- Hybrid method: how do we choose how much glue we dispense in the slits of the glue tape?
 - We can select how many g/sec of glue we dispense and adjust to have 50 micron thickness
- The current baseplate jig is too heavy for the gluing machine → it is not flat
 - We have a jig dedicated to the gluing machine to avoid this problem
- We should learn how to program the gluing machine using the PC instead of the remote