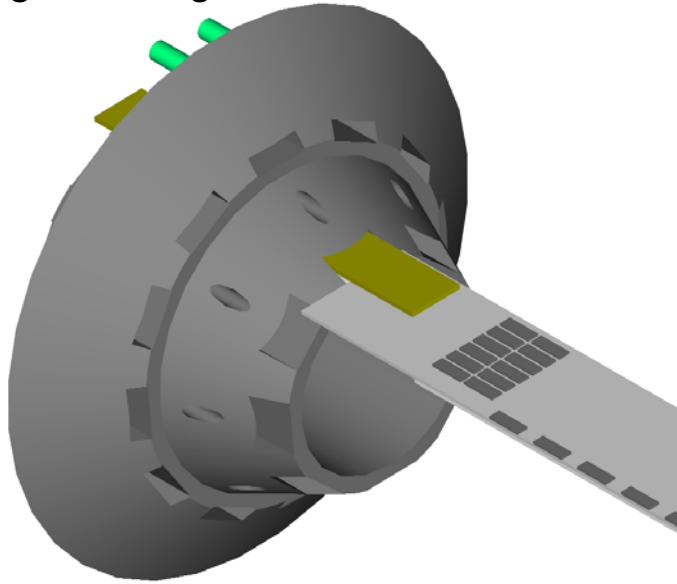
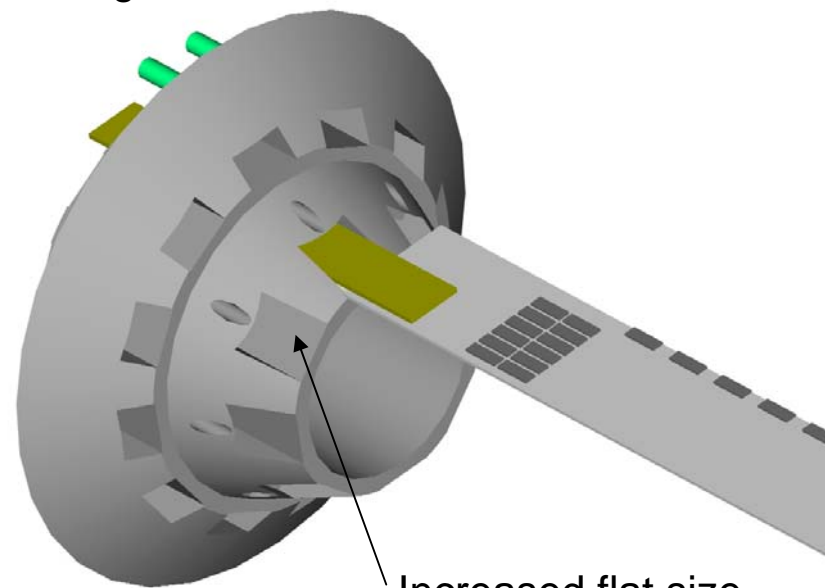


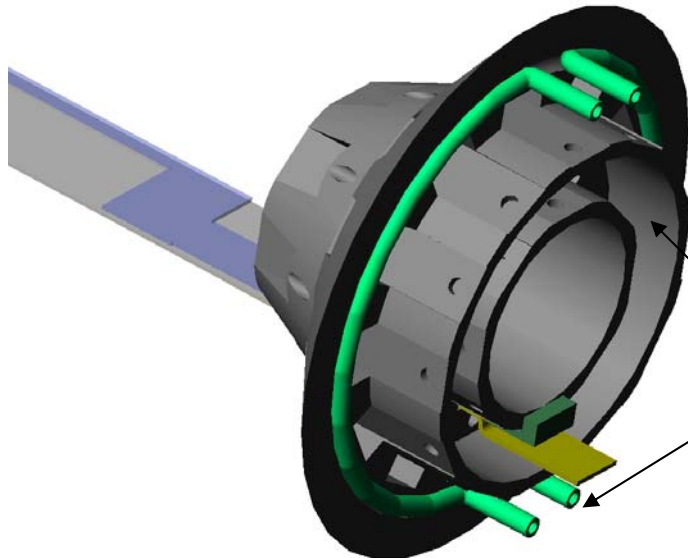
Original design



Modified design

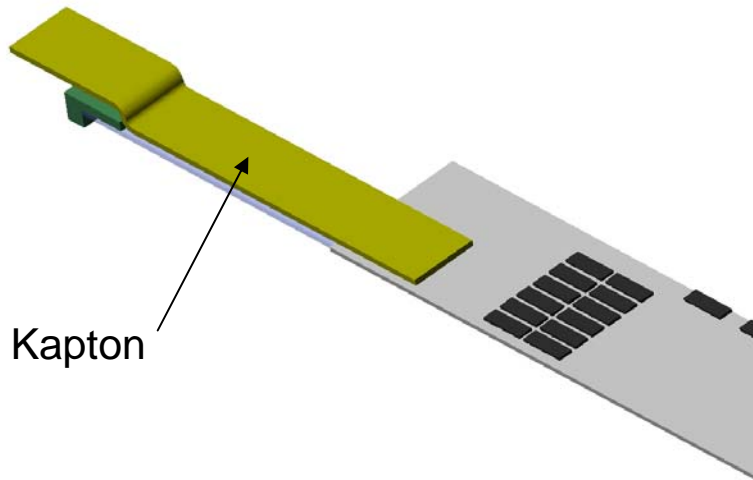


Increased flat size
(limited by CAD bug)

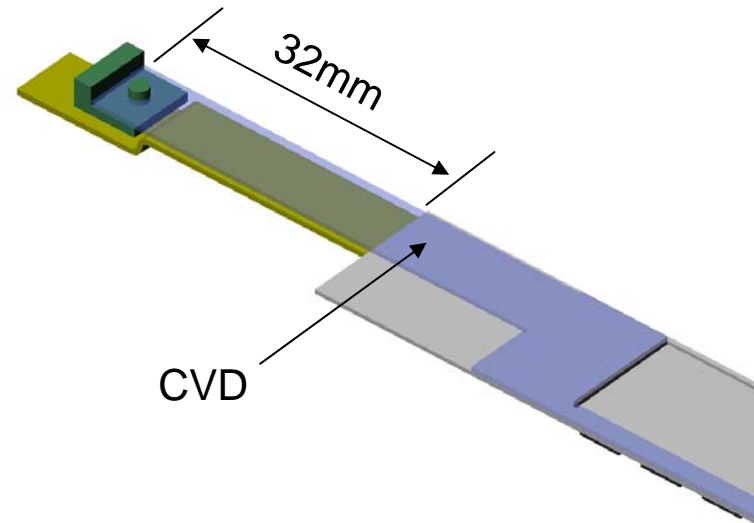


Could the cooling tubes
be positioned between
the sensor layers?

Top of PXD ladder



Underside of PXD ladder



- SVD type assembly:
- Ladders are mounted onto endrings with flats.
- A rotating computer controlled bed supports the endrings.
- A controlled X,Y,Z system places the ladders on the endrings.
- The only human intervention is to insert fasteners.
- The assembly is then split in two.

