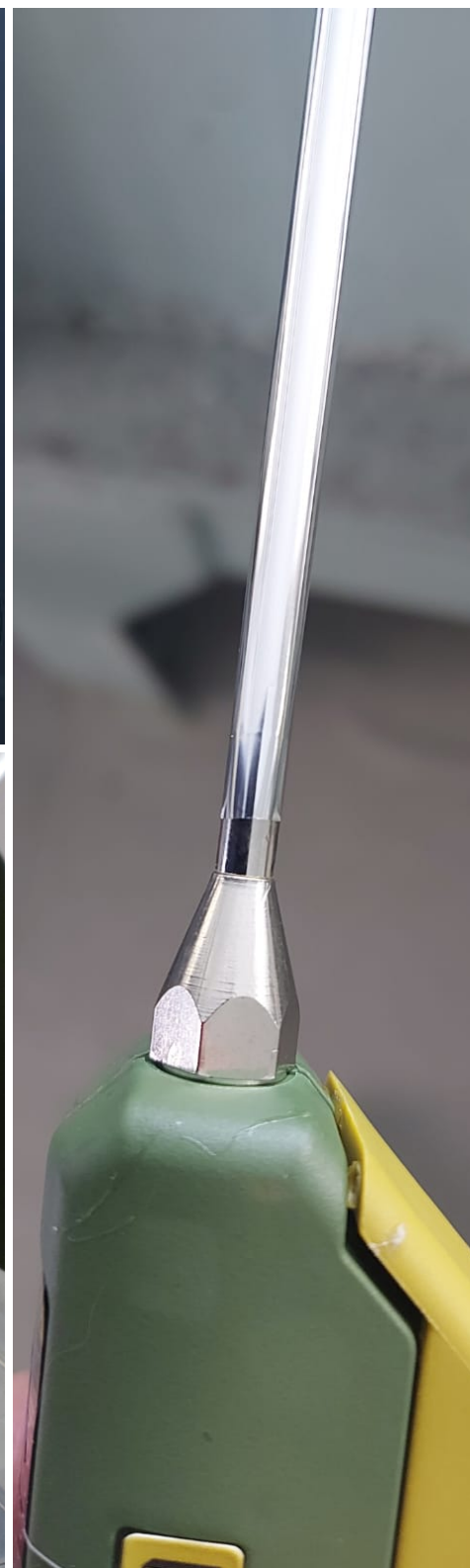
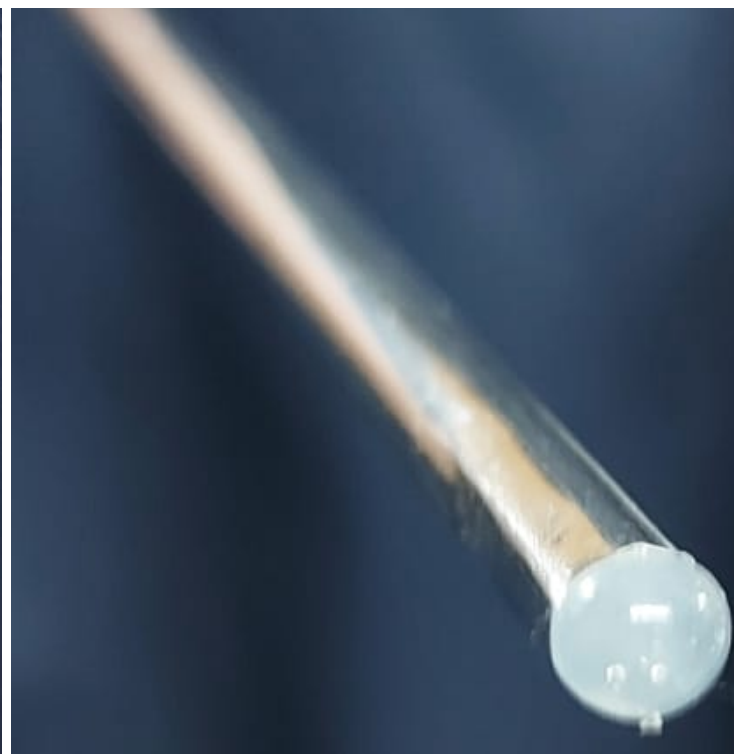


## ASSEMBLY PROCEDURE TESTED WITH MOCKUP

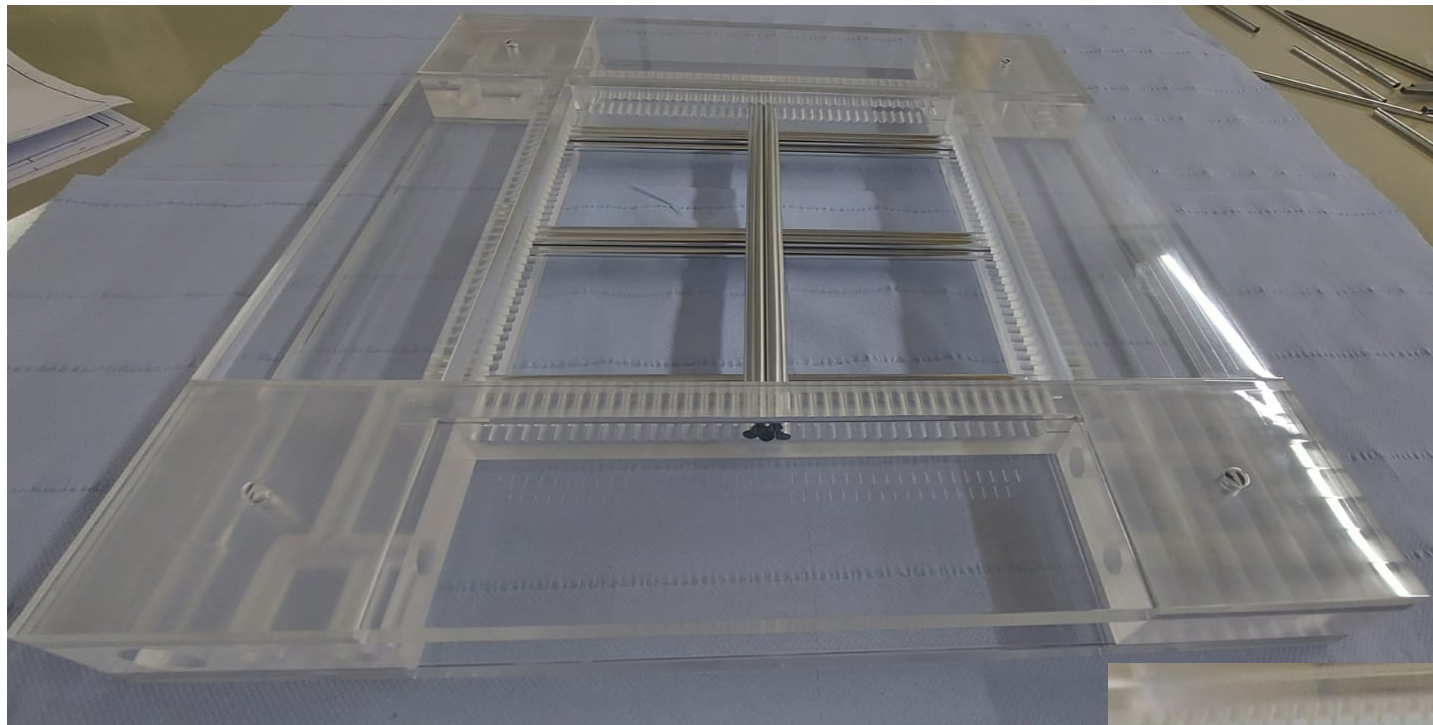
1. *Straws produced with ultrasonic welding are cut to length exceeding frame dimensions;*
2. *Straws are sealed with thermal glue at one end;*
3. *Straws are connected to gas system with glued plastic tube and pressurized (2 bar relative);*
4. *Pressurized straws are glued to the frame at both ends;*
5. *Straws are glued together in equally spaced points along length;*
6. *Excess length of straws is cut to fit required frame dimensions;*
7. *Wires and end-plug terminations are added to the cut straws;*
8. *Space arounds end-plugs is sealed with epoxy;*
9. *Wires are put under tension and end pins are crimped.*





*All required straws for mockup produced by GTU  
and prepared for assembly with mockup frame*





*Preparation for assembly  
of the mockup prototype*

