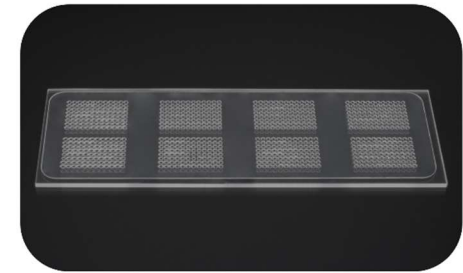
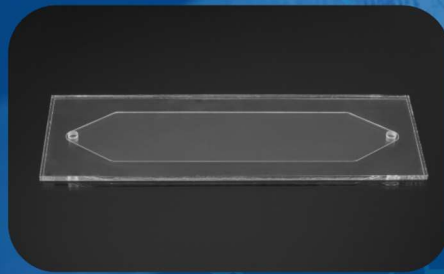
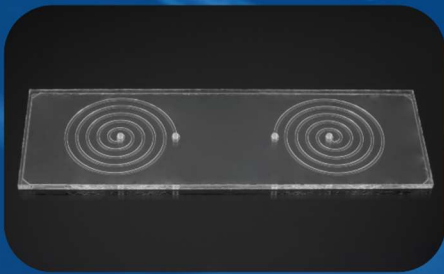


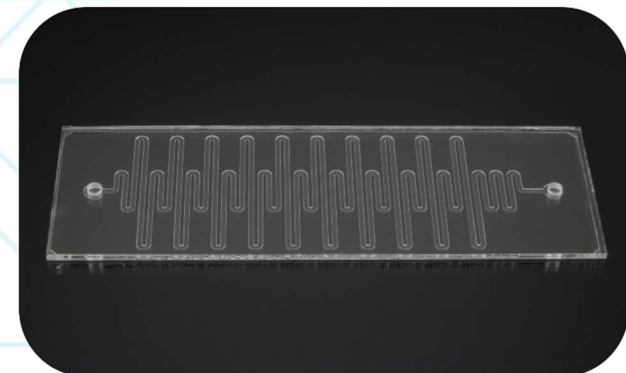
CPS Fluidics' core competency is the design & manufacturing of Microfluidics Cartridges and Flow Cells made from diverse and challenging materials such as glass, plastics, silicone, PDMS, and adhesives. This also includes instrument subsystems such as cartridge nest and interface.

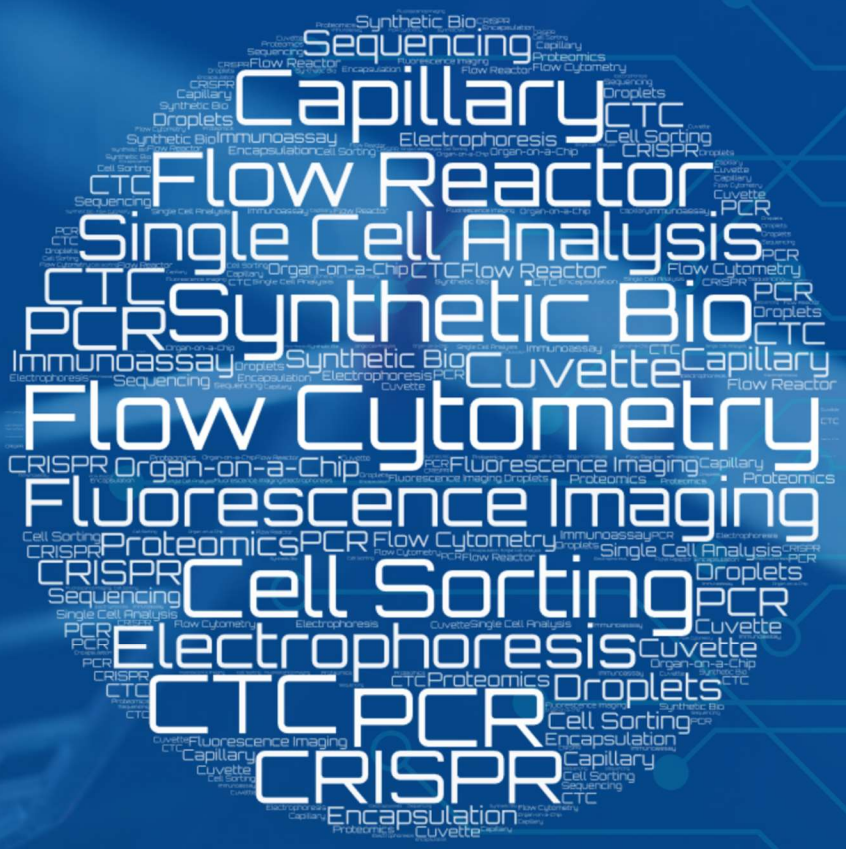
Our clean room manufacturing infrastructure is set up to scale from low volume prototypes all the way to full commercial volumes with dedicated assembly staff for your product.



Some of our **manufacturing** technologies:

- **Laser cut** films such as **silicone**, **adhesives (PSA)** and **plastics** to create micro channels
- Glass & plastic **CNC machining** is a good option to create larger channels and features
- **Hot embossing** and **Silicone casting** to obtain feature precision in the 10s of micron
- **Laser marking** for lot traceability or branding
- **Surface coatings** such as **hydrophilic/phobic** or **APTES** for better tissue adhesion
- **Lapping & Polishing** for a high planarity and optical clarity





Contact Us Today!

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