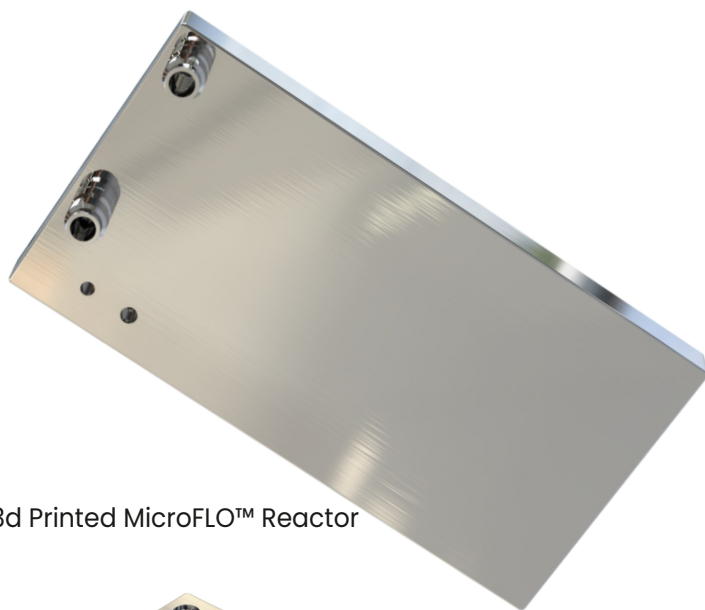


MicroFLO™ Reactor

Ideal for gas-liquid and liquid-liquid multiphase reactions



3d Printed MicroFLO™ Reactor



Cross section view
3d Printed MicroFLO™ Reactor



MicroFLO™ reactor is a compact plate type flow reactor with much greater surface area to volume ratio & heat transfer area than comparable reactors. This is achieved through our innovative space-filling patented design

- Available in 3D printed as well as plate-type arrangement
- **Volume:** 5 mL to 2 L
- **Flow Rates:** Up to 100 LPH
- **Pressures:** Up to 100 bar
- **Temperature:** -50°C to 350°C
- **Material:** SS-316, Hastelloy, etc.

APPLICATIONS

- MicroFLO™ reactor is exceptionally suited for fast-exothermic reactions where tight temperature control is essential for safety and selectivity
- Lithiations, Grignard reactions, Nitrations, Oxidations, Sulfonations, Diazoations, Halogenations