

3D-Printed Flow Reactors

Fast Process Development & kg Production

Introducing 3D-printed flow reactors – another development in our flow reactor range!

Fabricated from 316L stainless steel, 3D-printed flow reactors are a flexible tool for **high pressure** & **high temperature** flow chemistry applications.

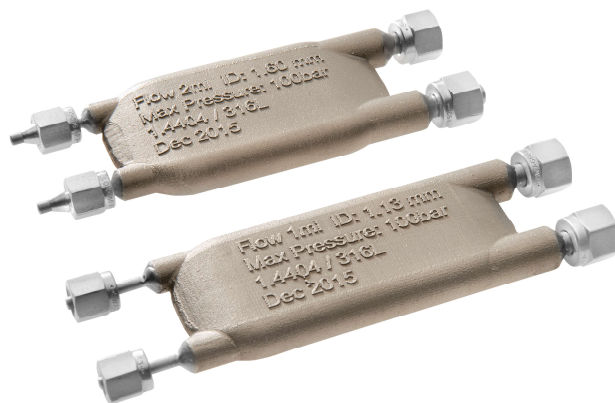
Chemtrix offers a wide range of glass, metal & ceramic reactors - scalable from **Lab to Production**.

3D-Printed Flow Reactors

- ≡ Reaction Types: $A+B \rightarrow P1 + C \rightarrow P$
- ≡ Throughput: 12.5 to 200 ml/min (up to 12 kg/h)
- ≡ Volume: 1, 2, 4 & 8 ml modules
- ≡ Scale-up to larger volumes for production
- ≡ Wetted Materials: 316L stainless steel

Metal Reactors

- ≡ High temperature applications (-100°C to 300°C)
- ≡ High pressure applications (<100 bar)
- ≡ Customized 3D-printing of reactors is possible



Chemtrix & InnoSyn

- ≡ Cooperate to market & develop 3D-printed flow reactors
- ≡ Assist with scaling up to industrial production
- ≡ Global service support for chemical process development