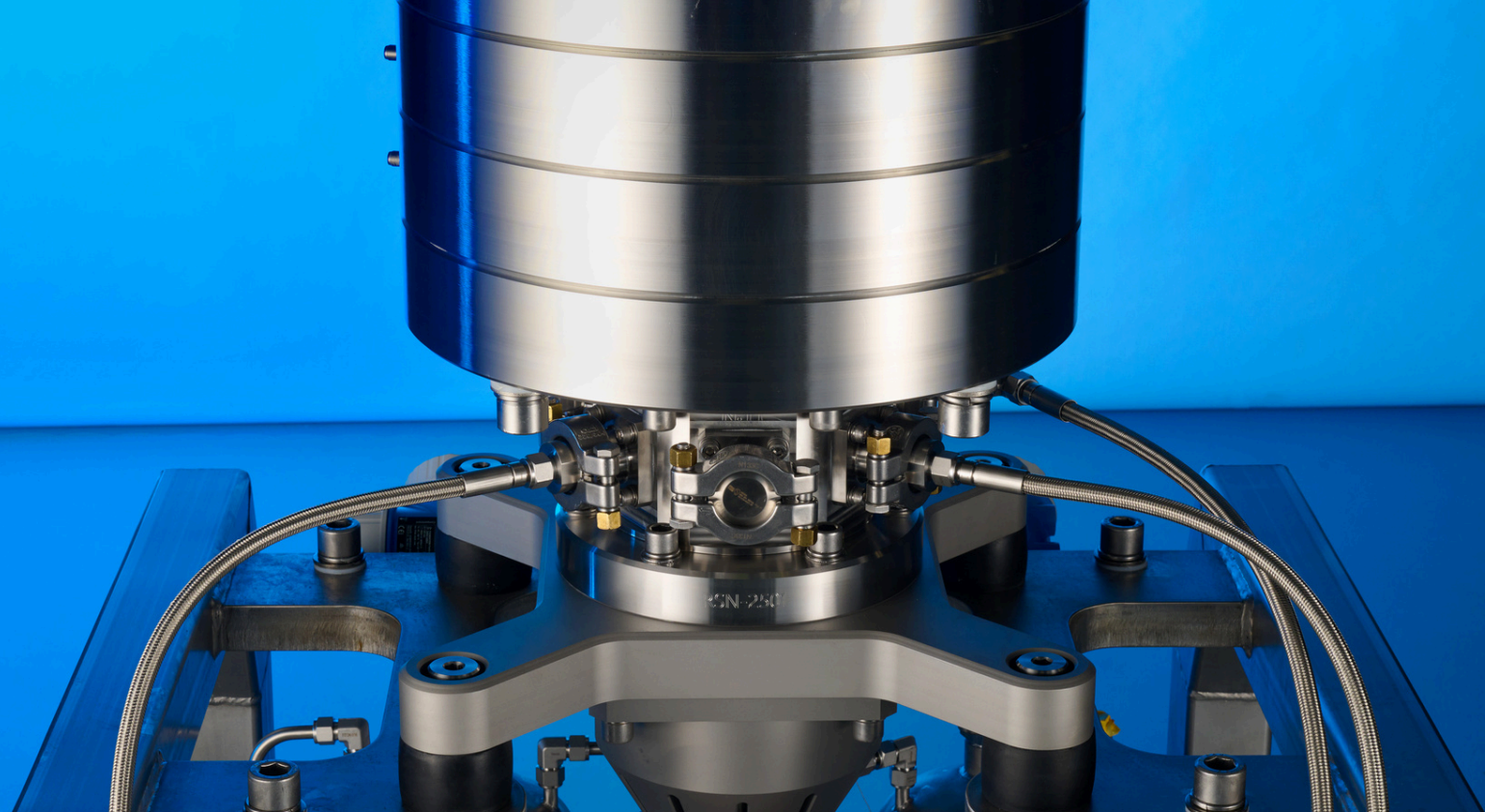




SpinPro R4 Reactor



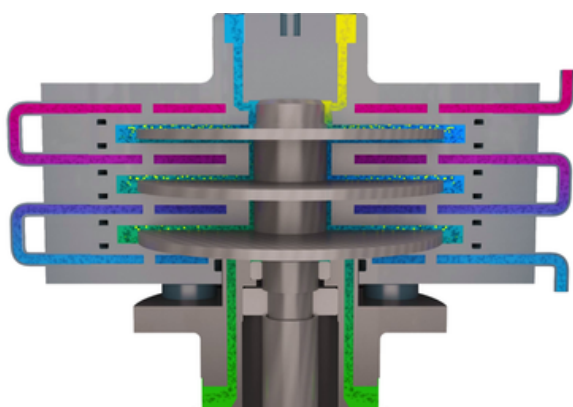
"Flowid - Expect more from your chemistry"



SpinPro R4 Reactor

SpinPro Dynamic Flow Reactors

SpinPro reactors are a unique type of flow reactors. They enable the independent control of mixing intensity and throughput. The spinning disc in a narrow housing generates strong and homogeneous shear with a high turbulence intensity, shortening production times from hours in batch to seconds in flow.



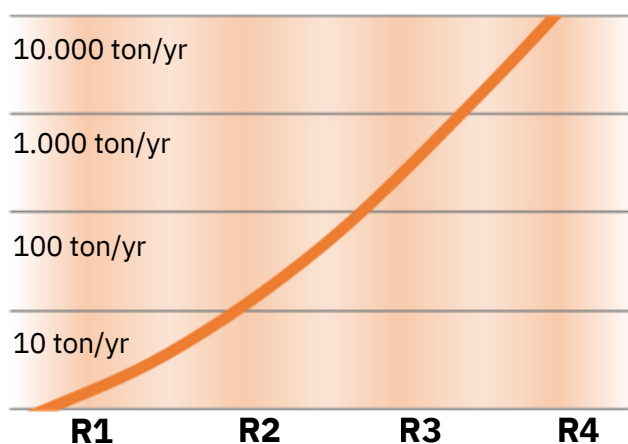
Technical Specifications SpinPro R4

Pressure:	up to 10 barg
Temperature:	-50 °C to 160 °C
Reactor volume:	up to 2 L
Compliance:	GMP, ATEX, CE
Material:	SS316, Hastelloy

Proven Technologies

Over thirty SpinPro reactors are running in pilot and production plants worldwide, making this your ideal solution for:

- Multiphase reactions (GLS)
- Precipitations and slurries
- Highly exothermic reactions
- Emulsification & polymerisation



Excellent Scalability

The SpinPro reactor range expedites scale-up from R&D to production. Constant performance is maintained during scale-up from R1 to R4.