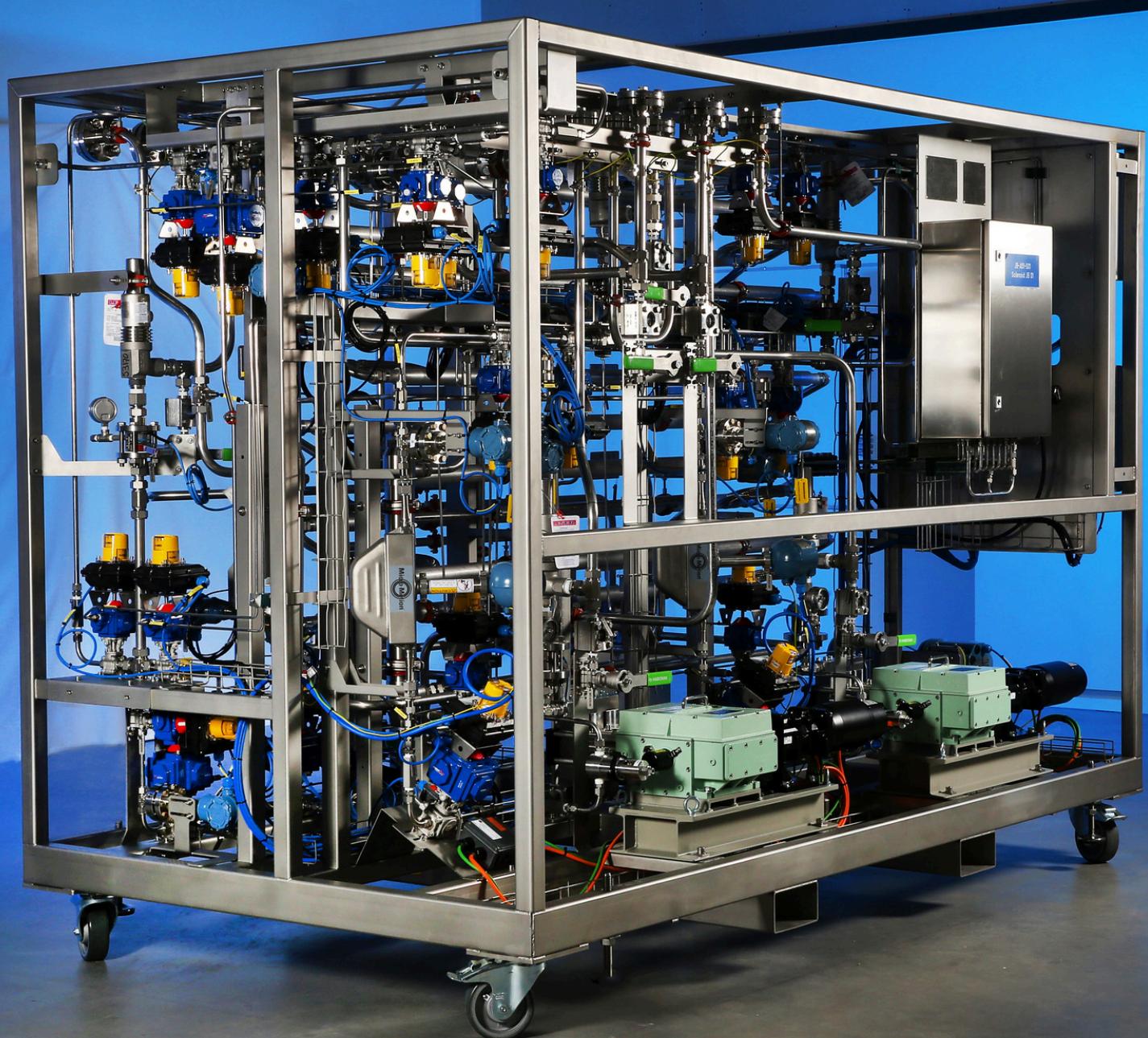




FLOWID®

Skid Manufacturing



Explosion Proof

ATEX Zone 1/21
ATEX Zone 2/22
NFPA Class 1/2

GMP Compliant

documentation
cleanability (CIP/SIP)
data retention

Materials

Stainless, Hastelloy
non-metallic, SiC
Kalrez, PTFE

Flow rates

from a few mL/min up
to several
m³/hr

Pressure

from vacuum up
to several
100 bar

Temperature

from cryogenic up
to several 100 °C

Safety

risk assessment
HAZOP LOPA
ergonomics

Process Safety

SIL instruments
safety PLC
safety equipment

Compliance

CE, PED, ATEX, DIN,
IECEx, ASME
NFPA, NEC

Automation Level

manual control local
PLC and HMI full DCS
integration

Automation Brands

Siemens, Rockwell
ABB, Emerson, PILZ
HIMA, Yokogawa

Unit Operations

accurate flow control
reaction, extraction
separation, analytics

Flow Skid Manufacturing

We identify the best available technologies for the manufacturing of lab, pilot and production flow skids. Flowid has engineered, 3D designed, and manufactured over fifty flow skids worldwide. Close cooperation with our customers and an excellent network of partners specialized in flow equipment is essential for your best Flow Solution.

Advantages of Flow Skids

- Lower CAPEX and OPEX
- Intrinsically safe production
- Reduced footprint
- Simplified and reduced work-up
- Higher energy efficiency
- Less use of resources and material
- Reduction of operator handling



Examples of Production Skids

Gas/liquid reactions, single and biphasic nitrations, precipitations, emulsifications, organometallics, diazotizations, halogenations.