

Mini-Solvent System

Project Scope:

Perform microfiltration, ultrafiltration, or nanofiltration of aggressive solvent-based, acidic, or basic feedstock. System parameters are highly adaptable to suit clients' needs.

Operating Limits:

Source	Minimum	Maximum
Flow Rate	0.1 L/min	11 L/min
Tank Capacity	1 L	2.5 L
Temperature	5 °C	60 °C Adaptable to 80 °C
Pressure	15 psi / 1 bar	600 psi / 41 bar Adaptable to 1000 psi / 69 bar

Chemicals and Hazards:

Name	Hazard	Mitigation	PPE
Hot Surfaces	Burn / Fire	Training Insulation Signage	Safety Glasses Insulated Gloves
Test Specific Chemicals	Chemical Exposure	Training and SDS	Safety Glasses Gloves Other PPE per SDS
High Pressure	Leakage	Leak Check Engineering Controls	Safety Glasses