

Pilot & Bench Scale Plants available at Somicon

No	Technology	Description	Processing Volume (liters)	Material
1	UF / NF / RO	Membrane Screening Unit (Flat Sheets)	1-10	SS-316L
2	UF / NF / RO	Spiral Wound and Tubular Screening	10-20	SS-316L
3	UF / NF / RO	Spiral Wound and Tubular Screening	10-20	SS-316L
4	UF / NF / RO	Spiral Wound Pilot	20-500	SS-316L
5	MF / UF	Ceramic Membranes Screening	5-10	SS-316L
6	MF / UF	Ceramic Membranes Screening	5-10	PVDF/PP
7	MF / UF	Ceramic Membrane Screening for low pH fluids containing HCl	5-10	PVDF/PP
8	MF / UF / NF / RO	Flat Sheet Screening	0.5-1	SS-316 L
9	NF / RO	Spiralwound testing unit Hastelloy Construction, suitable for HCl containing liquids	10-50	Hastelloy C4
10	UF / NF / RO	Tubular Systems	20-200	SS-316
11	UF / NF / RO	High Pressure Tubular System	20-50	SS-316
12	Centrifuge	CINC Centrifuge	1-5	SS-316
13	Separator	Filstar Separator	5-50	SS-316
14	Separator	Filstar Precision Separator	5-50	SS-316
15	UF	Spiral Wound Sanitary unit	50-200	SS-316L
15	AOX	Advanced Oxidation Testing	1-2	SS-316L / Glass

Pilot Plants that can be made ready using in-house components

No	Technology	Description	Processing Volume (liters)	Material
1	MF	Testing using PP MF Modules	50-500	PVDF / PP
2	NF / RO	Spiral Wound and Tubular Tests	20-200	SS-316L
3	MF	Testing using Ceramic Elements	20-200	SS-316L

Additional plants can be organized through partner companies as and when needed. These include CINC Centrifuges, Separators & Membrane Pilot Units.