



Pilot to Modular Full-Scale Plants

Industrial Water

- Treat industrial wastewaters for re-use or safe discharge
- Achieve ultra-high freshwater recovery and concentrate brines up to zero liquid discharge
- Selectively extract metals and ions such as chlorides, fluorides, calcium, and more
- Solutions for mine effluents, factory saline wastewater, cooling tower blowdown, PFAS, produced water, and more

Lithium

- Lithium brine concentration, refining, and conversion to battery-grade solids
- Technologies for higher purity and yield, reduced energy and costs
- De-risk directly with an established full-scale lithium processor & plant builder
- Dedicated [Lithium Test Centre](#) specializes in lithium project advancement

Stage Gate Your Project



Flexible, Modular, Intelligently Automated Unit Operations

Industrial Water

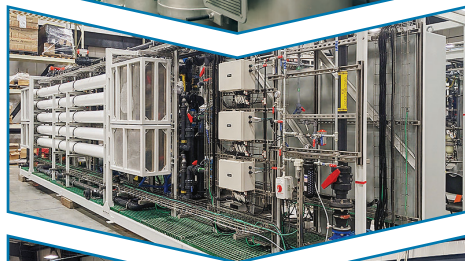
- RO brine
- Tailings
- Manufacturing wastewater



Chemical
Reactors:
BrineRefine



Ceramic
Membrane
Filtration:
XtremeUF

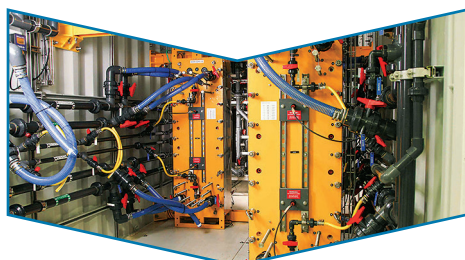


Ultra-High
Recovery RO:
XtremeRO



Evaporators &
Crystallizers:
SaltMaker MVR

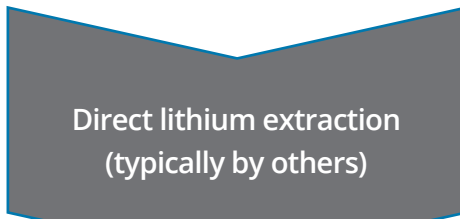
Depending on project fit:



Selective
Electrodialysis
Reversal:
FlexEDR

Lithium

- Concentrate lithium brines
- Refine
- Convert to battery-grade solids



Direct lithium extraction
(typically by others)



Membrane
Concentrator:
XtremeRO



Hardness &
Metals Refining:
BrineRefine I



Thermal
Concentration:
SaltMaker MVR



Lithium
Carbonate
Production:
BrineRefine II

R&D, engineering, pilots, production,
and support — all under one roof.

Contact us today!