

Sour Water Stripper

Stripping Hydrogen Sulfide from water utilizes a gas stream to force the Hydrogen Sulfide and Ammonia out of a solution and into the gas phase. This stream is processed by a sulfur recovery unit that allows the water to be reused as process water or released. The high temperatures that must be maintained to ensure gas removal can be a problem for most sensors. Also, the presence of H₂S can poison and plug most reference cells.

Challenges

- High temperatures shorten sensor life
- H₂S can poison reference electrolyte and plug reference junction
- Cyanide and ammonia can poison reference electrolyte and react with AgCl element.



If the process is isolated, an in-line electrode such as the Y-410B-F6 or V-19DB-F6 Series is recommended.



If the process is not isolated, a retractable such as the MK7 or Live Tap model is recommended.

Specifications

Body material	Ryton	Kynar	Stainless Steel
pH Range	0-14	0-14	0-14
Temperature Range	0-130°C	0-130°C	0-130°C
Pressure Range	0-150 PSI @ 25°C		

For more information, contact your AlpHa/Van London Co. representative or distributor.