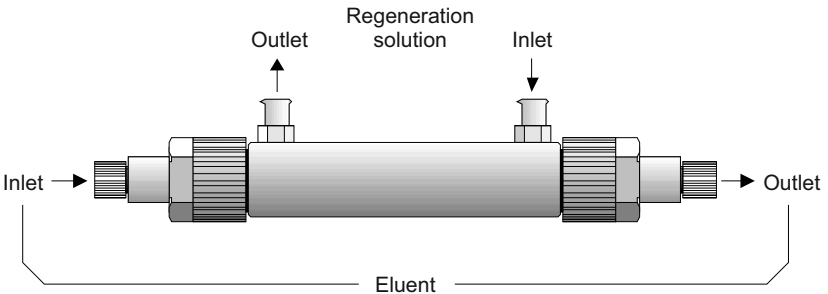
XAMS
Anion Membrane Suppressor

Specifications



Suppressor	**Conductivity (µS/cm)**[1]	
	typical	*maximum*[2]
1125-100, XAMS Anion Membrane Suppressor	1-2	3
1125-200, XAMS-HC High-capacity Anion Suppressor	2-4	5

[1)] The XAMS suppressor performance is determined by using carbonate-free 10 mM sodium hydroxide as eluent at 2 mL/min and the ASUREX Regenerator in normal operation, i.e., about 30 mL/min flow rate of the AS1 Solution diluted to 20% (1+4) with ultra-pure water, and a non-exhausted AR1 Cartridge.
[2)] This represents the quality control limit to which every suppressor is tested at the specified conditions. With carbonate/bicarbonate eluents, the suppressor is capable of achieving theoretical background conductivities for the remaining amounts of neutralized carbon dioxide present, plus this value or less.

Operational range

Parameter	Limit	
Eluent flow rate[1]	2.0 mL/min	**These limits are absolute and must never be exceeded!**
Eluent channel pressure[1]	1 MPa	
Regeneration channel pressure	50 kPa	
Temperature	50 °C	
pH	1-13	
Solvent: methanol	5 %	
Solvent: acetonitrile	8 %	
Solvent: acetone	30 %	

[1)] Limited by the higher of these values

The suppressor may be irreversibly damaged if organic solvents, multiply charged metal cations, hydrophobic cations, or polycations are allowed to enter either flow channel!

Store the suppressor plugged and containing eluent. Wash, drain and plug the regeneration channel for longer storage.

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