

Reference Electrode Selector Chart

Part Number	Description	Application	Use With	Junction	Filling Solution (Supplied)
E8090	Calomel Single Junction	Aqueous Samples. Laboratory Work. Contains Mercury. Leaches out KCl.	pH, REDOX, Ca ²⁺ and F ⁻ ISE Half Cells. Disbondment Tests.	Ceramic	3M KCl
E8095	Ag/AgCl Single Junction	Aqueous samples. Laboratory work. Temperatures up to 85 degrees C. Leaches out KCl AgCl.	pH, REDOX, Half Cells	Ceramic	Sat KCl w/ AgCl
E8094	Calomel Double Junction	ISE work preventing ionic contamination/Interference. Fill solution is changed to suit.	Half Cell ISEs	Ceramic	0.1M NaNO ₃
E8195	Ag/AgCl Double Junction	ISE work preventing ionic contamination/Interference. Fill solution is changed to suit.	Half Cell ISEs	Ceramic	0.1M NaNO ₃
E8197	Solid State KCl	No filling or maintenance and continuous monitoring. Leaches NaCl.	Half Cell ISEs (Not Na ⁺ or Cl ⁻)	Proton Shield	None
E8198	Solid State NaCl	No filling or maintenance and continuous monitoring. Leaches KCl.	Half Cell ISEs (Not K ⁺ , NH ₄ ⁺ or Cl ⁻)	Proton Shield	None
5094	Flow Plus	Awkward or viscous samples. Highly stable and can be deconstructed for cleaning.	pH, REDOX and ISE Half Cells	Liquid	None*
A3135	Gel Filled Ag/AgCl	Continuous or process applications. Leaches KCl AgCl.	pH, REDOX and Half Cells	Teflon	None
9999	Cathodic Protection	Testing Hull and Metal corrosion. Maintenance free with up to 40 Metre cable.	9999ORP Probe/ Hull Potential Test Cable	Teflon	None
E8200	Cathodic Disbondment Ag/Cl	Testing efficacy of coating on pipes and metal structures.	Cathodic Disbondment Test Rig	Ceramic	Sat KCl w/ AgCl
E8201	Cathodic Disbondment Calomel	Testing efficacy of coating on pipes and metal structures.	Cathodic Disbondment Test Rig	Ceramic	3M KCl