Reference Electrode Calomel / Silver Chloride / Mercury Sulfate

Item Number: ELERA

Introduction

Find high-quality reference electrodes for electrochemical experiments with complete specifications. Our models offer resistance to acid and alkali, durability, and safety, with customization options available to meet your specific needs.

Learn More

Features	Good reproducibility, accurate potential application
Applicable temperature range	0 ~ 25℃
Dimensions	The overall length is 140mm, with the upper tube measuring 9.5mm by 35mm and the lower tube measuring 6mm by 65mm.
Types	Amalgam-mercury type. It offers a neutral charge and is available in three variations: single salt bridge, double salt bridge, and bent tube.

Features	suitable for small volumes
Applicable temperature range	0 ~ 40℃
Dimensions	90mm overall length, 4*45mm in the down tube

The electrode properties are Ag/AgCl

Features	suitable for any situation
Applicable temperature range	0 ~ 60℃
Dimensions	105mm overall length, 6*45mm in the down tube

The nature of the electrode is Ag/AgCl, and the curved tube can be customized for silver chloride

Features	Potential stability
Applicable temperature range	0 ~ 60℃
Dimensions	The overall size of the unit is 140mm, with the upper tube measuring φ9.5*35mm and the lower tube measuring φ6*65mm.
Types	Ag/AgCl type, neutral electrode; there are two kinds of single salt bridge and double salt bridge

Features	use acidic electrolyte
Applicable temperature range	0 ~ 60℃
Dimensions	The overall size of the unit is 140mm, with the upper tube measuring φ9.5*35mm and the lower tube measuring φ6*65mm.
Types	Mercury type, acid electrode; there are two kinds of single salt bridge and double salt bridge

Features	Suitable for alkaline electrolytes
Applicable temperature range	0 ~ 60℃
Dimensions	The overall size of the unit is 140mm, with the upper tube measuring φ9.5*35mm and the lower tube measuring φ6*65mm.
Types	Mercury type, alkaline electrode; there are two kinds of single salt bridge and double salt bridge

Features	Suitable for long-term reactions
Applicable temperature range	0 ~ 60℃
Dimensions	The overall size of the unit is 145mm, the lower tube measuring φ9.2*120mm. Wiring is U-shaped blade
Types	The nature of the electrode is Ag/AgCI type, which can react unattended for a long time

Features	Suitable for long-term reactions
Applicable temperature range	0 ~ 60℃
Dimensions	The overall size of the unit is 145mm, the lower tube measuring φ9.2*120mm. Wiring is U-shaped blade
Types	The nature of the electrode is Ag/AgCI type, and the second liquid junction of the double junction type can be added on demand

Features	Protective electrode, easy to use
Applicable temperature range	0 ~ 80℃
Dimensions	Standard φ10*70mm, extended φ10*100mm
Types	The built-in sand core liquid junction is used to protect the electrode and reduce the liquid junction potential

Features	Protective electrode, easy to use
Applicable temperature range	0 ~ 80℃
Dimensions	Standard φ10*70mm, extended φ10*100mm

Used to protect the electrode and reduce the liquid junction potential

Features	Protective electrode, easy to use
Applicable temperature range	0 ~ 80℃
Dimensions	φ12*70mm / φ6*70mm / φ6*100

Used to protect the electrode and reduce the liquid junction potential

Features	Protective electrode, easy to use
Applicable temperature range	0 ~ 50℃
Dimensions	φ6*80mm / φ10*80mm

The guard electrode reduces the liquid junction potential