

Cathodic Protection Reference Electrode



The Cathodic Protection Reference Electrode from EDT directION is a Silver /Silver Chloride Reference electrode designed to enable the measurement of the condition of boats and submerged metal structures in both Freshwater and Saltwater applications.

The product is waterproof and submersible.

Common uses include the measurement of boats Hull Potential and the effectiveness of Sacrificial Anodes (Magnesium, Zinc and Aluminium) bolted to boat hulls and drive components. Each material has a standard potential and deviations can illustrate the progress of corrosion.

The electrode is connected to the negative terminal of the Boat Meter (this is a high impedance mV meter) and the positive terminal is connected to the structure e.g. Boat Hull, Drive, using the Boat Cable with a Crocodile Clip . This electrode can also be used as a standard reference electrode for pH analysis. The electrode comes complete with a 5 metre cable. Boat Meter and Cable not supplied.

The Model 9999 can also be used as a standard applications where low maintenance is required. The large electrolyte volume ensures a longer lifetime with greater stability than laboratory electrodes. The rugged housing enables the electrode to be used in a wider variety of environments for pH and REDOX applications.

The EDT Silver/Silver Chloride Reference Electrode has several advantages over a standard Calomel electrode. Firstly it does not contain Mercury and can therefore be used in a wider variety of applications. Secondly Ag/AgCl references have greater stability at higher temperatures.

The EDT 9999 Silver/Silver Chloride reference electrode comes with a 4mm Banana connector and is compatible with all types of pH electrode. The 9999 Reference Electrode can be used with the 9999/ORP Platinum REDOX Electrode to measure the corrosive properties of water or the presence of harmful corroding elements such as stray DC, acids and other oxidising agents.

Specifications

Body Type	Rugged Polymer
Cable Length	5M
Diameter	25mm
Reference Junction	Teflon Disc Junction. Large Contact Area
Connector	4mm Banana Plug
Length	150mm
Reference Type	Ag/AgCl

Related Products



Platinum REDOX Sensor



5 Meter Cable with Croc Clip



QP999 Boat/Corrosion Meter

www.edt.co.uk/9999

