

Sodium Glass Combination ISE



The EDT direction Sodium ISE is a glass based 12mm bodied electrode which is sensitive to Sodium levels down to ppb levels.

This ISE operates in exactly the same way as a traditional combination pH electrode except the bulb glass is ultra-sensitive to changes in Sodium concentration.

An important consideration is that the pH of standards and samples need to be in the range pH 9-12. If low level Sodium work is to be performed the pH should be 12 as the glass bulb is still sensitive to Hydrogen Ions which should be minimised.

Each EDT directION Combination ISE has a 1 metre cable and a BNC connector (other connectors available on request) allowing use on all types of pH/ION meter including laboratory bench and research models. For direct concentration reading and absolute simplicity the EDT QP459 pH/ION meter is the perfect instrument for these ISEs.

EDT are a UK based manufacturer and produce ISEs for many prominent companies in the water testing sector. As a result our ISEs are very competitively priced and come complete with technical support provided from our vast library of applications and our in house electrochemistry technicians.

For optimum results use EDT direction standards and Ionic Strength Adjustment Buffers (ISABs).

Specifications

Cable Length	1M
Cap Diameter	16mm
Commodity Code	90279050
Concentration Range	0.02-62,900ppm
Connector	BNC
Diameter	12mm
Endpoint Time	Typically 10-60 Seconds
Interferences	Lithium, Potassium, Barium, Hydrogen
Length	155mm
pH Range	9-12 pH
Potential Drift	2mV Per Day
Reference Type	Double Junction
Resistance at 25°C	<2.5 Mohm
Temperature Range	5-50°C

Related Products



Sodium ISAB For Glass ISE (500ml)



Sodium Standard Solution (500ml)



QP459 Portable Ion Meter

www.edt.co.uk/3301G

