

## **pH ELECTRODE**

### **Model CA 11**



#### **TECHNICAL SPECIFICATIONS:**

1.	pH Range	:	0 - 14
2.	Operating Temperature	:	0 to 70°C
3.	Slope	:	59 ±3 mV (95-105%) at 25°C
4.	Zero Point	:	pH 7
5.	Asymmetry Potential	:	0±25 mV
6.	Response Time	:	< 10 sec for 95% response from pH 7.00 to pH 4.01
7.	Stability	:	< 3 mV drift/24 hours in pH7 buffer
8.	Glass Membrane Impedance	:	< 200 MΩ at 25°C
9.	Diaphragm	:	Ceramic
10.	No. of Junctions	:	Single
11.	Reference System	:	Ag/ AgCl
12.	pH Storage Solution (in bottle)	:	Saturated KCl/ TOSHCON storage solution
13.	Reference Electrolyte	:	KCl
14.	Shape of Membrane	:	Spherical
15.	Diameter	:	12 mm
16.	Shaft Length	:	120 mm
17.	Shaft Material	:	Glass
18.	Connector type	:	Cap with BNC with Low-Noise Coaxial Cable or S7 or any other connector requested.
19.	Suitability	:	Suitable/ compatible with mostly all make instruments.

#### **OTHER INDUSTRY:**

Pharma, Petrochemical, Swimming Pools, Aquarium, Electroplating, Food, Chemical, Fertilizer, Dairy, Oil, Drinking Water, Ground Water, Waste Water

#### **OTHER APPLICATIONS:**

Extreme pH (Acidic), Extreme pH (Alkali), Narrow Vessel/ Semi Micro, Low Ionic/ Ultrapure, Oil/ Water Emulsion, HF, Low Temp. (-30°C), High Temp. (135°C), Steam Sterilisable