

pH ELECTRODE

(An accurate Glass Body, KCl filled pH Electrode with special membrane glass suitable for 5 point calibration including Low (1.68) & High (12.5) pH value buffers)

Model CAF11



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. Membrane Glass	:	Green
10. Temp. Compensation (Optional)	:	Pt100/ Pt1000/ 30K NTC
11. Diaphragm	:	Ceramic
12. No. of Junctions	:	Single
13. Reference System	:	SREF+
14. Reference Electrolyte	:	KCl
15. pH Storage Solution	:	Saturated KCl/ TOSHCON storage solution
16. Shape of Membrane	:	Spherical
17. Diameter	:	12 mm
18. Shaft Length	:	120 mm
19. Shaft Material	:	Glass
20. Connector type	:	Cap with BNC with Low-Noise Coaxial Cable or S7 or any other connector requested.
21. Suitability	:	Suitable/ compatible with mostly all make instruments.

ORDERING CODE

CAF11- X - X - X

Cap/ Connector:												
Cap	- T	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Cable Length for Cap Electrode:</td> </tr> <tr> <td>0.75 Mtr.</td> <td style="text-align: center;">-</td> </tr> <tr> <td>1 Mtr.</td> <td style="text-align: center;">- 1</td> </tr> <tr> <td>2 Mts.</td> <td style="text-align: center;">- 2</td> </tr> <tr> <td>3 Mtrs.</td> <td style="text-align: center;">- 3</td> </tr> </table>	Cable Length for Cap Electrode:		0.75 Mtr.	-	1 Mtr.	- 1	2 Mts.	- 2	3 Mtrs.	- 3
Cable Length for Cap Electrode:												
0.75 Mtr.	-											
1 Mtr.	- 1											
2 Mts.	- 2											
3 Mtrs.	- 3											
S7	- S7											
	Temp. Compensator											
	Without	-										
	Pt100	- T										
	Pt1000	- 1T										
	30K NTC	- 3T										

Imp.: With S7 Connector no Temp. Compensator can be selected.

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

TOSHNIWAL INSTRUMENTS MANUFACTURING PVT. LTD.,

P.O. Gagwana - 305023, Distt. Ajmer (Raj.) INDIA

Phone: +91-145-2971131/2/3; Mobile: +91-9829112345

Email: info@toshcon.com, support@toshcon.com; Website: www.toshcon.com

REGD OFFICE: 401, Manish Chamber, Sonawala Cross Lane, Goregaon (E), MUMBAI - 400 063