

pH ELECTRODE Model CAJ

(Glass Body, Gel Filled pH Electrode)
FOR

SWIMMING POOLS / AQUARIUM / RO / DRINKING WATER APPLICATIONS



TECHNICAL SPECIFICATIONS:

1.	pH Range	:	0 - 14
2.	Operating Temperature	:	-5 to 80°C
3.	Slope	:	59 ± 3 mV (95-105%) at 25°C
4.	Zero Point	:	pH 7
5.	Asymmetry Potential	:	0 ± 25 mV
6.	No. of Junctions	:	Single/ Double
7.	Glass Membrane Impedance	:	< 300 MΩ at 25°C
8.	Membrane Glass	:	Blue/ Green/ Brown
9.	Temp. Compensation	:	Pt100/ Pt1000/ 30K NTC
10.	Pressure	:	Upto 6 Bar at 25° C
11.	Reference Electrolyte	:	HGel+
12.	Diaphragm, Nos.	:	Ceramic, 1/ 2/ 3
13.	Reference System	:	SREF+ or Ag/ AgCl
14.	pH Storage Solution	:	Saturated KCl/ TOSHCON storage solution
15.	Shape of Membrane	:	Spherical
16.	Diameter	:	12 mm
17.	Shaft Length (A)	:	120 mm
18.	Shaft Material	:	Glass
19.	O Ring	:	EPDM (in case of TRC*/ S8/ S7/ VP connectors etc.)
20.	Connector type	:	Cap/TRC* with BNC with Low-Noise Coaxial Cable or S7 or S8 or Variopin or any other connector requested.
21.	Solution Ground	:	Optional
22.	Suitability	:	Suitable/ compatible with mostly all make instruments.

ORDERING CODE

<p style="text-align: center;">CAJ - X - X - X - X - X - X - X - X</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Bulb:</td><td>-</td></tr> <tr><td>Blue</td><td>-</td></tr> <tr><td>Green</td><td>- GR</td></tr> <tr><td>Brown</td><td>- BR</td></tr> <tr><td>Cap/ Connector:</td><td>-</td></tr> <tr><td>Cap</td><td>-</td></tr> <tr><td>Threaded</td><td>-</td></tr> <tr><td>Rotatable Cap</td><td>- TRC</td></tr> <tr><td>PG 13.5</td><td>- S8</td></tr> <tr><td>S7</td><td>- S7</td></tr> <tr><td>Variopin</td><td>- V</td></tr> <tr><td>No. of Junction:</td><td>-</td></tr> <tr><td>Single</td><td>-</td></tr> <tr><td>Double</td><td>- D</td></tr> <tr><td>Ceramic:</td><td>-</td></tr> <tr><td>One</td><td>-</td></tr> <tr><td>Two</td><td>- 2</td></tr> <tr><td>Three</td><td>- 3</td></tr> </table>	Bulb:	-	Blue	-	Green	- GR	Brown	- BR	Cap/ Connector:	-	Cap	-	Threaded	-	Rotatable Cap	- TRC	PG 13.5	- S8	S7	- S7	Variopin	- V	No. of Junction:	-	Single	-	Double	- D	Ceramic:	-	One	-	Two	- 2	Three	- 3	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Cable Length for Cap Electrode:</td><td>-</td></tr> <tr><td>1 Mtr.</td><td>- 1</td></tr> <tr><td>3 Mtrs.</td><td>- 3</td></tr> <tr><td>5 Mtrs.</td><td>- 5</td></tr> <tr><td>9 Mtrs.</td><td>- 9</td></tr> <tr><td>13 Mtrs.</td><td>- 13</td></tr> <tr><td>Temp. Compensator:</td><td>-</td></tr> <tr><td>Without</td><td>-</td></tr> <tr><td>Pt100</td><td>- T</td></tr> <tr><td>Pt1000</td><td>- 1T</td></tr> <tr><td>30K NTC</td><td>- 3T</td></tr> <tr><td>Solution Ground:</td><td>-</td></tr> <tr><td>Without Liquid</td><td>-</td></tr> <tr><td>Ground</td><td>-</td></tr> <tr><td>Liquid Ground</td><td>- L</td></tr> </table>	Cable Length for Cap Electrode:	-	1 Mtr.	- 1	3 Mtrs.	- 3	5 Mtrs.	- 5	9 Mtrs.	- 9	13 Mtrs.	- 13	Temp. Compensator:	-	Without	-	Pt100	- T	Pt1000	- 1T	30K NTC	- 3T	Solution Ground:	-	Without Liquid	-	Ground	-	Liquid Ground	- L
Bulb:	-																																																																		
Blue	-																																																																		
Green	- GR																																																																		
Brown	- BR																																																																		
Cap/ Connector:	-																																																																		
Cap	-																																																																		
Threaded	-																																																																		
Rotatable Cap	- TRC																																																																		
PG 13.5	- S8																																																																		
S7	- S7																																																																		
Variopin	- V																																																																		
No. of Junction:	-																																																																		
Single	-																																																																		
Double	- D																																																																		
Ceramic:	-																																																																		
One	-																																																																		
Two	- 2																																																																		
Three	- 3																																																																		
Cable Length for Cap Electrode:	-																																																																		
1 Mtr.	- 1																																																																		
3 Mtrs.	- 3																																																																		
5 Mtrs.	- 5																																																																		
9 Mtrs.	- 9																																																																		
13 Mtrs.	- 13																																																																		
Temp. Compensator:	-																																																																		
Without	-																																																																		
Pt100	- T																																																																		
Pt1000	- 1T																																																																		
30K NTC	- 3T																																																																		
Solution Ground:	-																																																																		
Without Liquid	-																																																																		
Ground	-																																																																		
Liquid Ground	- L																																																																		

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