



pH ELECTRODE (SEMI-MICRO)
Model CASM
(Glass Body, KCl filled)



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. | 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 | : | < 300 MΩ at 25°C |
| 9. | Membrane Glass | : | Green |
| 10. | Minimum Volume Requirement | : | 0.2 ml |
| 11. | Diaphragm | : | Ceramic |
| 12. | No. of Junctions | : | Single |
| 13. | Reference System | : | SREF+ |
| 14. | pH Storage Solution | : | Saturated KCl/ TOSHCON storage solution |
| 15. | Reference Electrolyte | : | 3M KCl |
| 16. | Shape of Membrane | : | Spherical |
| 17. | Shaft Size (Length x Diameter) | : | 80X12 mm & 40X6 mm |
| 18. | Shaft Material | : | Glass |
| 19. | Connector type | : | Cap with BNC with Low-Noise Coaxial Cable or S7 or any other connector required. |
| 20. | Suitability | : | Suitable/ compatible with mostly all make instruments. |

ORDERING CODE

CASM- X - X

Cap/ Connector:	Cap	-	
	S7	-	S7
Cable Length for Cap			
Electrode:			
0.75 Mtr.	-		
1 Mtr.	-	1	
2 Mts.	-	2	
3 Mtrs.	-	3	

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

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