

## pH ELECTRODE Model CAH 11



### **TECHNICAL SPECIFICATIONS:**

|     |                                 |   |   |
|-----|---------------------------------|---|---|
| 1.  | pH Range                        | : | 0 - 14  |
| 2.  | Operating Temperature           | : | 0 to 130°C  |
| 3.  | Slope                           | : | 59 $\pm$ 3 mV (95-105%) at 25°C                                       |
| 4.  | Zero Point                      | : | pH 7  |
| 5.  | Asymmetry Potential             | : | 0 $\pm$ 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 M $\Omega$ at 25°C  |
| 9.  | Pressure                        | : | Upto 6 Bar (87 psi) at 25° C  |
| 10. | Diaphragm                       | : | Ceramic   |
| 11. | No. of Junctions                | : | Single  |
| 12. | Reference System                | : | Ag/ AgCl  |
| 13. | pH Storage Solution (in bottle) | : | Saturated KCl   |
| 14. | Reference Electrolyte           | : | KCl   |
| 15. | Shape of Membrane               | : | Spherical   |
| 16. | Diameter                        | : | 12 mm   |
| 17. | Shaft Length                    | : | 120 mm  |
| 18. | Shaft Material                  | : | Glass   |
| 19. | Cable                           | : | Low-Noise Coaxial Cable,  |
| 20. | Connector type                  | : | BNC or S7 or S8 (PG 13.5) or Variopin (in case of Temp. Compensation) |

### **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),