



Industrial & Water Use P.C(Polycarbonate) pH and Reference Electrodes



PERFORMANCE SPECIFICATIONS

pH Range: 0–14 (Na⁺ error at >12.3 pH)
Response: 95% in 1 second (bulb-type only)
 95% in 5 seconds (flat-type only)
Isopotential point: pH 7.00 (0 mV)
Offset: +/- 0.20 pH
Span: 97% of theoretical or higher
Max Temperature : 85 Degree(Max)
Max Pressure : 5 Bar
Junction : Teflon
Model : S200C (12 Pai. 120mm)
 S240C (12 Pai. 240mm)

Fast – 95% Response in Less than 1 Second (bulb-type only)

Combination or Half Cell Designs

Single or Double Junction Construction

Choose between Sealed and Re-fillable Models

Choose between Glass and Plastic Body Models

Combination or Separate Electrodes?

Sensorex makes both types. The convenience of handling one combination electrode as compared to using separate pH and reference electrodes has been well established in laboratory and portable pH measurements. The price of Sensorex combination electrodes is much less than the total price of the separate electrodes,. Individual half cell electrodes are used only for special purposes.

Glass or Plastic Body Electrodes?

Sensorex makes both body types and they provide the identical excellent pH measurement. Traditionally, pH electrodes have been made of all glass construction. Today's plastics allow pH electrodes to be constructed with sturdy and chemically resistant epoxy or premium ULTEM bodies. The recessed protected design of the Sensorex plastic body electrodes extends over the measuring surface so that the pH glass bulb is virtually un-breakable.

Single or Double Junction Reference?

Most pH measurements can be made with single junction reference electrodes. However, materials such as heavy metals, proteins and sulfides can precipitate at the junction. Double junction designs use a buffering salt such as KNO₃ in the lower chamber contacting the sample, and prevent these reactions. They are also useful for pH measurement of tris buffers. Both combination or separate reference electrodes are available from Sensorex.

