

Potentiostatic Sensor for Free Chlorine, Chlorine Dioxide and Dissolved Ozone



Specifications

Electrode Material	Dual platinum bands
Sensor Body Material	Glass
Max Temperature	60 degrees C
Max Pressure	100 psig @ 25C
Sensor Dimensions	5.8"L x 1/2"DIA
Cable Length	1mtr or 3 mtr

Easy to Clean and Replace

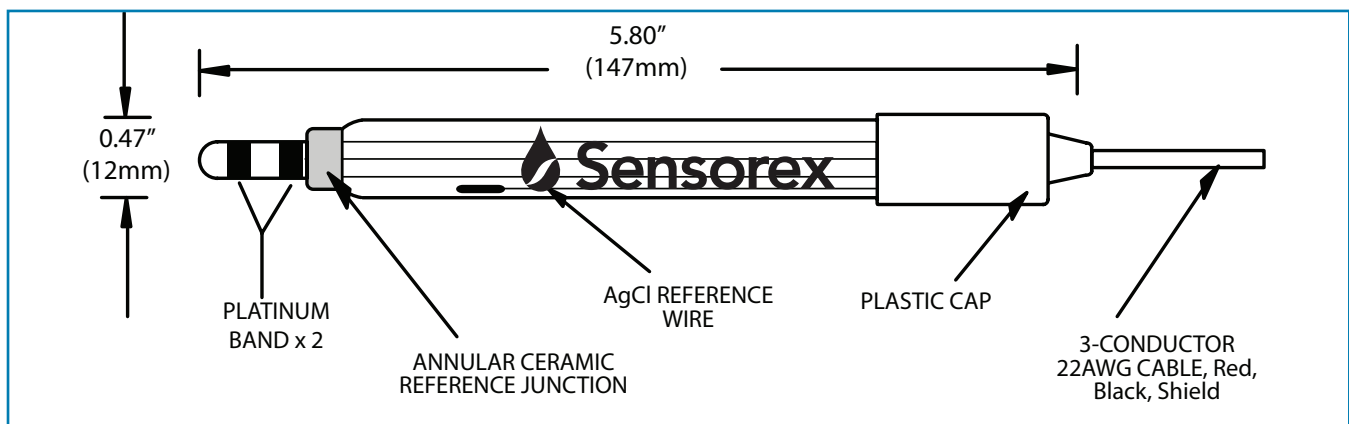
Economical

No Maintenance

Stable Zero

This sensor is made for the economical measurement of Free Chlorine, Chlorine Dioxide and Dissolved Ozone in water and is primarily designed for OEM customers. Unlike our other premium amperometric FCL and CLD sensors using membranes, fill solutions and drive circuits; this potentiostatic method (also "amperometric") requires an OEM device to drive and measure a constant potential, made through 2 metal electrodes and a reference electrode. The current running through the cell consumes Chlorine or Ozone and so must be renewed through a constant liquid flow. In the potentiostatic method, the electrode's potential is electronically controlled in relation to the liquid, providing a linear relationship current/concentration and a very stable zero value in the absence of chlorine or ozone. The sensor is easy to clean and replace. At pH values above pH8, a separate Sensorex pH sensor used in conjunction with these sensors is recommended for pH compensation (more accurate).

OUTLINE AND DIMENSIONS FOR PSG200C



ORDERING INFORMATION

Part no.	Description
PSG200C	Potentiostatic chlorine and ozone sensor, 1mtr cable, tinned leads
PSG200C/3	Potentiostatic chlorine and ozone sensor, 3mtr cable, tinned leads

Parts covered by this product data sheet include:
PSG200, PSG200/3



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