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What are calomel electrodes?

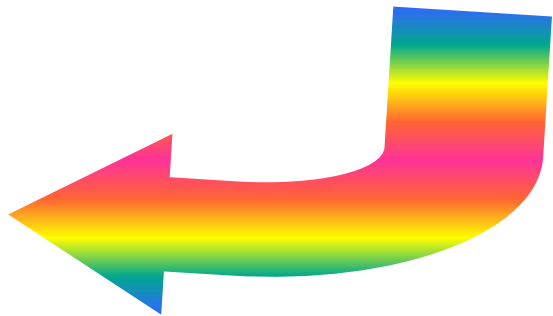


! If the Ag/AgCl filling solution is likely to react with your sample, then a calomel (Hg/HgCl) reference electrode would be recommended. This is a very stable reference at constant temperatures, and is widely used in laboratory applications. It is not so good at temperatures above 60 degrees C. Here the Ag/AgCl perform better

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Does the pH value have a bearing on the electrodes?

! With pH values greater than 12, it is possible a special glass may be needed to counteract the interference error caused by sodium ions. This same glass could be used over the pH scale, but is of much higher resistance than the standard glass.

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How do I know which connector I need?



! The majority of pH Meter Manufacturers fit a BNC socket, hence we offer probes with BNC plugs. However, there are some Manufacturers, particularly in Europe, who use special plugs, such as DIN, and in the case of Radiometer, they have their own special plug. Some use S7 caps, to which are attached separate leads. The thing to remember is that Sentek can fit any type of plug you want, all we need to know is the reference of the electrode you are planning to replace.