



DEL MAR AVIONICS

TO: C. Sanctuary

FROM: V. R. McCall

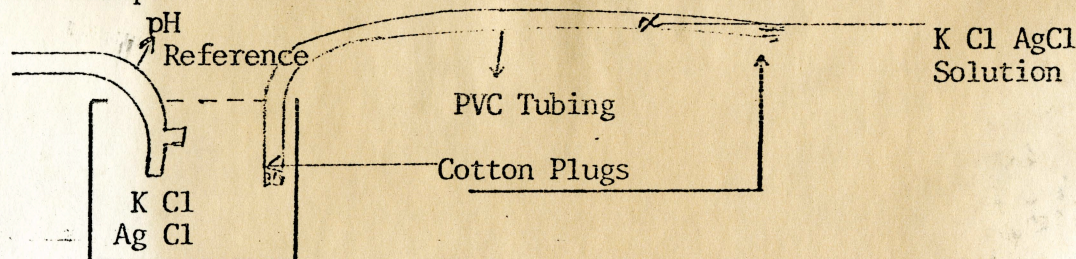
SUBJECT: pH Measurements (Ambulatory)

NO.: VRM-159-80

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I have attached a picture of a container that can be produced to hold the indifferent electrode. Calomel, K Cl, or AgCl solutions are used as coupling and immersion media. The container tends to prevent disconnection during use.

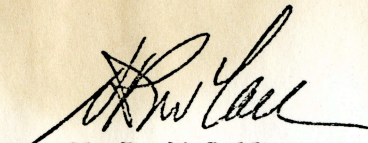
An additional, equally satisfactory and often preferred method is to produce a small container for the glass electrode containing an appropriate reference solution and extend from it a "wick" of the solution, for example:



The tubing can then be placed on a convenient spot and covered making ambulation easier.

As AgCl can be used for reference, we should test the disposable electrode (adding K Cl to the conducting media) as a more convenient reference or indifferent electrode.

The attached write-up covers the antimony pH electrode and its construction that would probably be preferable for use in esophageal pH measurements.


V. R. McCall

VRM:lm
Attachments