

**Do your electrodes last as long as they should? : now they can : Russell have the solution / Russell pH Limited.**

**Contributors**

Russell pH Limited.

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**wellcome  
collection**

Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>

# DO YOUR ELECTRODES LAST AS LONG AS THEY SHOULD?



Reference Electrolyte

pH Membrane Cleaning Solution

Electrode Storage Solution

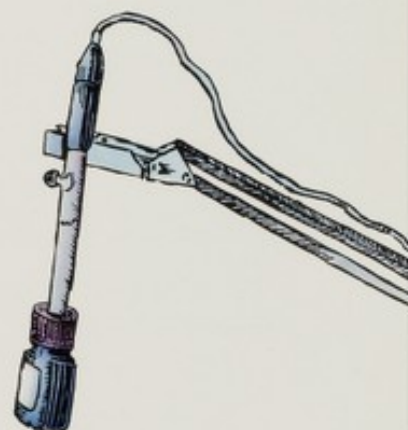
pH Glass Membrane Reconditioning Solution

Diaphragm Junction Cleaning Solution

## NOW THEY CAN



# Russell



## HAVE THE SOLUTION

ELECTRODE MAINTENANCE KIT

- Contains:
- Reference Electrolyte
  - pH Membrane Cleaning Solution
  - Diaphragm Junction Cleaning Solution
  - Electrode Storage Solution
  - Electrode Storage Bottle
  - Buffer Capsules

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## THE SOLUTIONS

DIAPHRAGM JUNCTION CLEANER — Contains a solution to clean up dirty or contaminated junctions, especially ceramics.

MEMBRANE CLEANING SOLUTION — Especially useful in dissolving layers of protein or fat which easily mask the pH glass causing slow and erratic readings.

pH ELECTRODE STORAGE SOLUTION — The ideal medium in which to store electrodes, keeping them fresh without contaminating the electrolyte.

pH GLASS MEMBRANE RECONDITIONER — For use in extreme situations where the glass membrane has become so contaminated that it is desirable to etch a new surface.

REFILL ELECTROLYTES — 4M KCl/AgCl for standard Russell electrodes, saturated KCl for Russell calomel electrodes and special solutions available on application. Also please enquire about our full range of ionic strength adjusters (ISA's) and standards for use with ion selective electrodes.

## THE CALIBRATORS

BUFFERS — Available in capsule form, each capsule makes a convenient to use 100ml of pH4, 7, 9 or 10. Also available in solution form are Low Ionic Strength Buffers in 4 and 7 pH values.

SIMULATOR — A millivolt and pH simulator for use in meter calibration and for diagnosing fault areas.

## THE ACCESSORIES

STORAGE BOTTLES — The ideal vehicle for our electrode storage solution, this convenient bottle protects the electrode both physically and chemically whilst economising on solution usage.

ELECTRODE HOLDER — The Russell cantilever electrode stand is the practical answer for efficient laboratory practice.

CONNECTORS AND ADAPTORS — A full range for all makes of meter and electrode system. Please state meter and electrode type.

## THE COMPLETE ANSWER

ELECTRODE MAINTENANCE KIT — Comprising 50ml each of diaphragm junction cleaner, membrane cleaner, storage solution and 4M KCl/AgCl refill electrolyte, an electrode storage bottle and two each of pH4, 7 and 9 buffer capsules. Two kits are available for either silver or mercury based reference systems.

### ORDERING INFORMATION

Part No.	Description	Volume/Qty.
105000S/50	Diaphragm junction cleaner	60ml
105000S/5/50	Diaphragm junction cleaner	5x60ml
105000T/50	Membrane cleaning solution	60ml
105000T/5/50	Membrane cleaning solution	5x60ml
105000V/250	Electrode storage solution	250ml
105000W/250	pH glass membrane reconditioner	250ml
105000A/250	4M KCl/AgCl Electrolyte	250ml
105000C/250	Saturated KCl Electrolyte	250ml
BC54	pH4 Buffer capsules	5x100ml
BC57	pH7 Buffer capsules	5x100ml
BC59	pH9 Buffer capsules	5x100ml
BC510	pH10 Buffer capsules	5x100ml
BC5M	Mixed box of 20xpH4, 20xpH7, 10xpH9	5x100ml
105000Y/475ML	Low Ionic Strength 4pH Buffer	475ml
105000Z/475ML	Low Ionic Strength 7pH Buffer	475ml
AIS	pH and millivolt simulator	Each
ESB	Electrode storage bottles	3
RCS	Cantilever electrode stand	Each
EMK001	Electrode maintenance kit (Ag/AgCl)	Each
EMK002	Electrode maintenance kit (Hg <sub>2</sub> Cl <sub>2</sub> )	Each

Available from  
Your Local Russell Dealer

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Russell pH Limited, Station Road  
Auchtermuchty, Fife, Scotland KY14 7DP  
Tel: (0337) 28871 Fax: (0337) 28972  
International (44)