013223 PK-3 Electrode Polishing kit

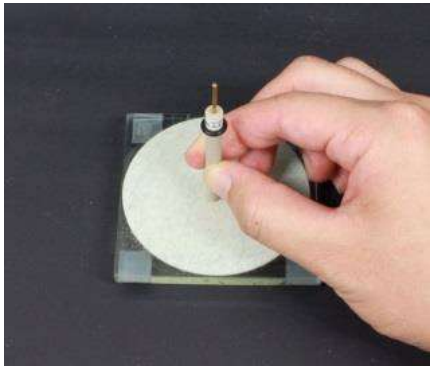
1.Contents

After receiving the product, please check the contents

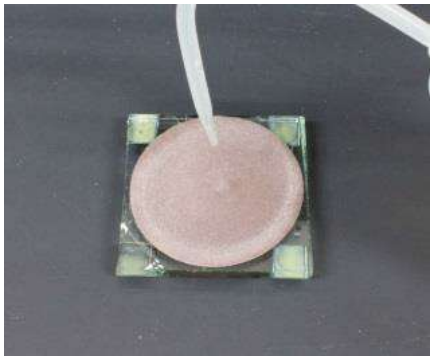
Cat #	Description	Qty
012620	0.05um polishing alumina (20mL)	1
012621	1 μm polishing diamond (10 ml)	1
	Alumina polishing pad	10
	Diamond polishing pad	10
013222	Replacement glass plate for PK-3	1

2. How to polish

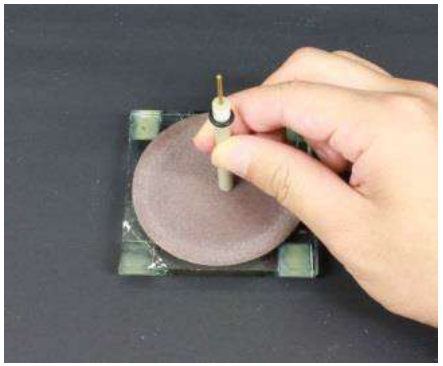
Paste the diamond polishing pad onto the glass plate. Then drip 2~3 drops of polishing diamond to the pad and add 2-3 drops of distilled water before polishing.



Press the electrode to the pad at right angle, and polish in motion of drawing 8 shape for few minutes under vertical state .
Attention: This diamond polishing is only used when the contaminated surface could not be refreshed by alumina polishing.



Replace the diamond pad with an alumina polishing pad, wet the pad with distilled water, remove surplus water by fingers (clean glove wearing).



Add 2~3 drips of polishing alumina, then polish the electrode by the same method to that using diamond polishing, until the mirror surface is regenerated.
Rinse the electrode surface with distilled water, and dry the surface in the air.

Attention:

- Shake the bottles of polishing alumina and diamond before using.
- Alumina polishing is the most common polishing method to obtain the refreshed surface before experiment.
- To remove the alumina particles completely, please polish the electrode with a new alumina pad using only distilled water. (We recommend this additional step for the GC electrode polishing.)
- Electrode surface degradation due to using other polishing methods are not in our guarantee range.
- Pre-understanding that poor quality alumina abrasive etc. may cause the electrode surface quick degradation and shorten the electrode life time.

If you have Graphite electrode, please browse “How to polish the Graphite electrode" in below URL.

http://www.als-japan.com/1735.html

BAS Inc.

https://www.als-japan.com email: sales@als-japan.com