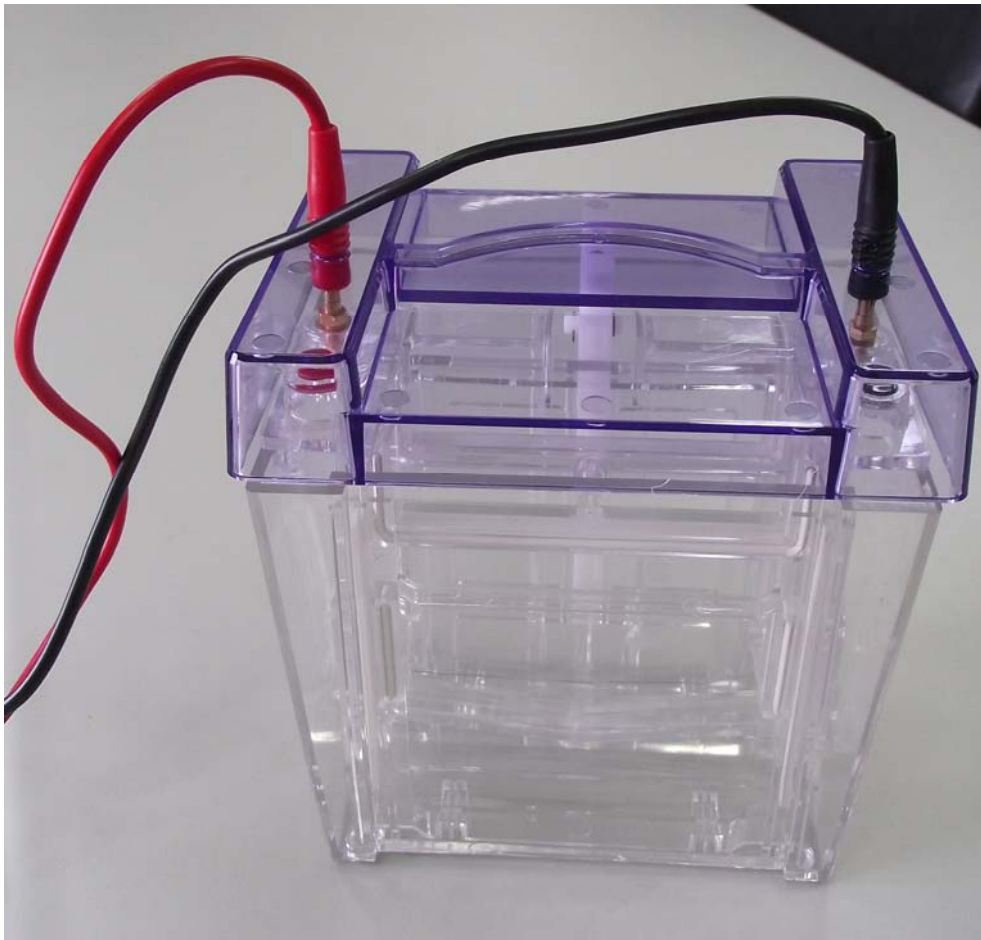


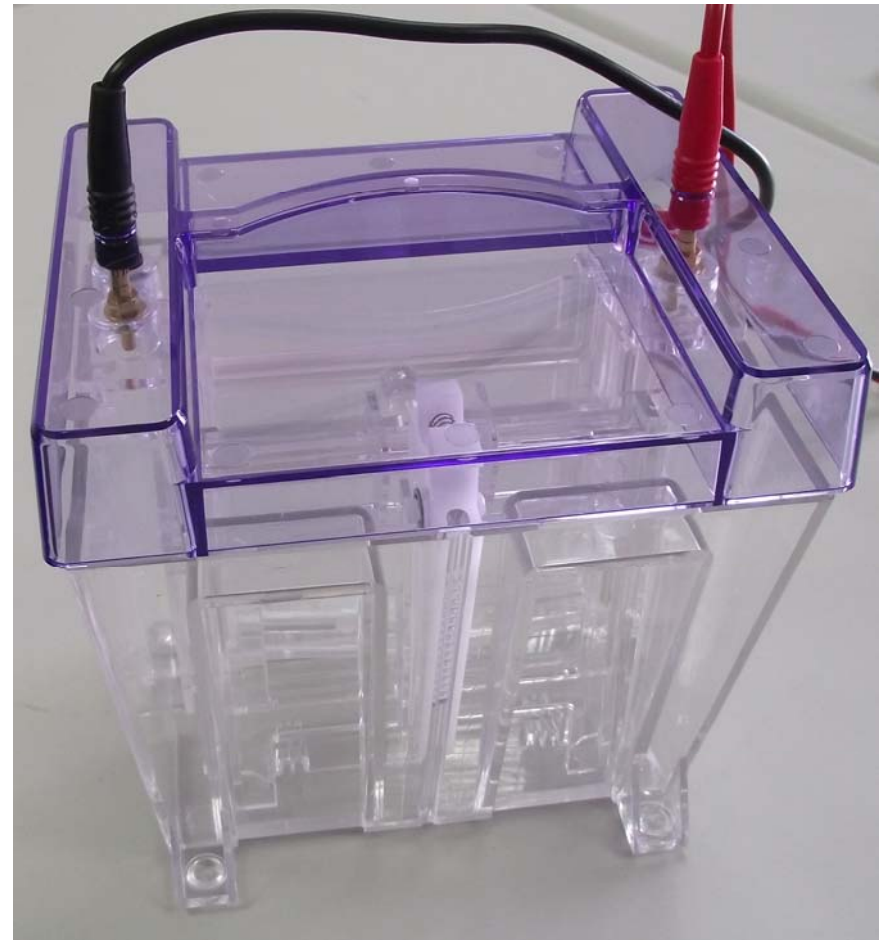


**MaestroWEP (Cat. No. PT-01)
(Wizard of ElectroPhoresis)**

Tank images

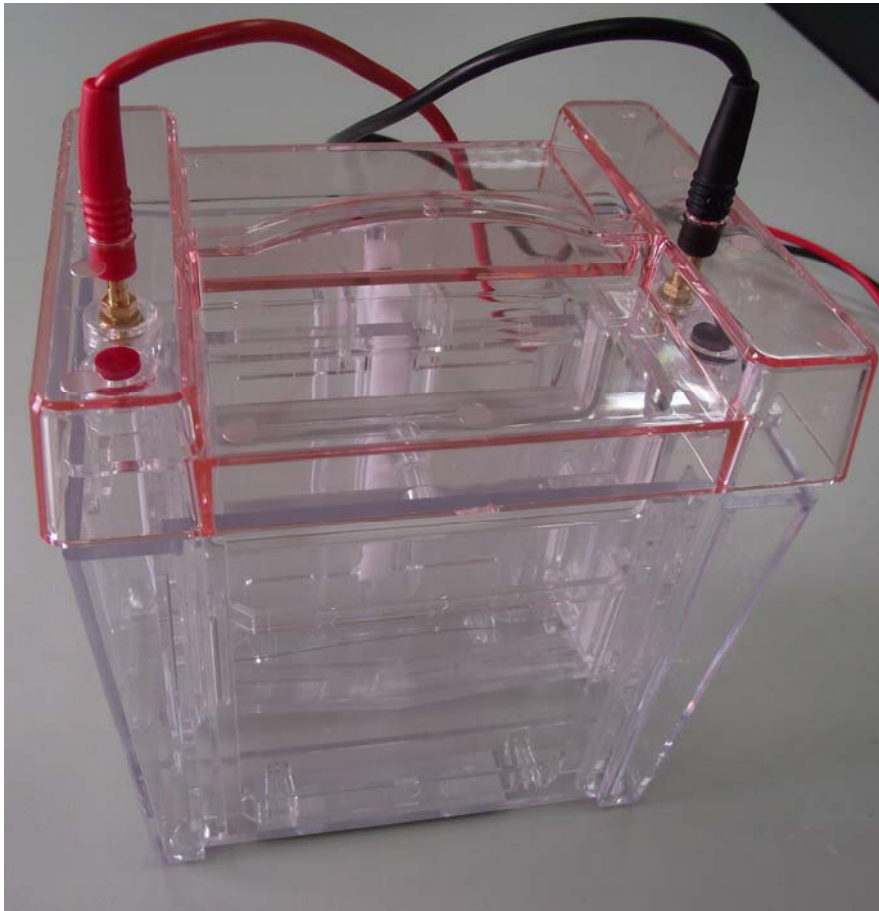


Front Side

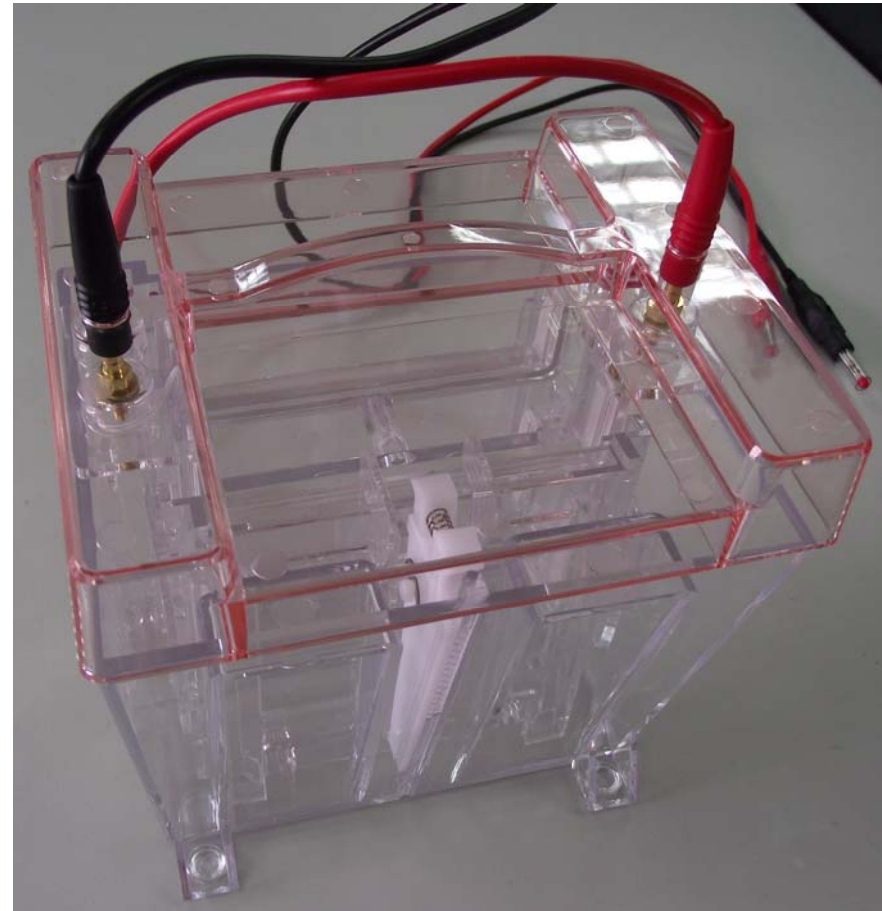


Back Side

Tank images



Front Side



Back Side

Electrophoresis performance

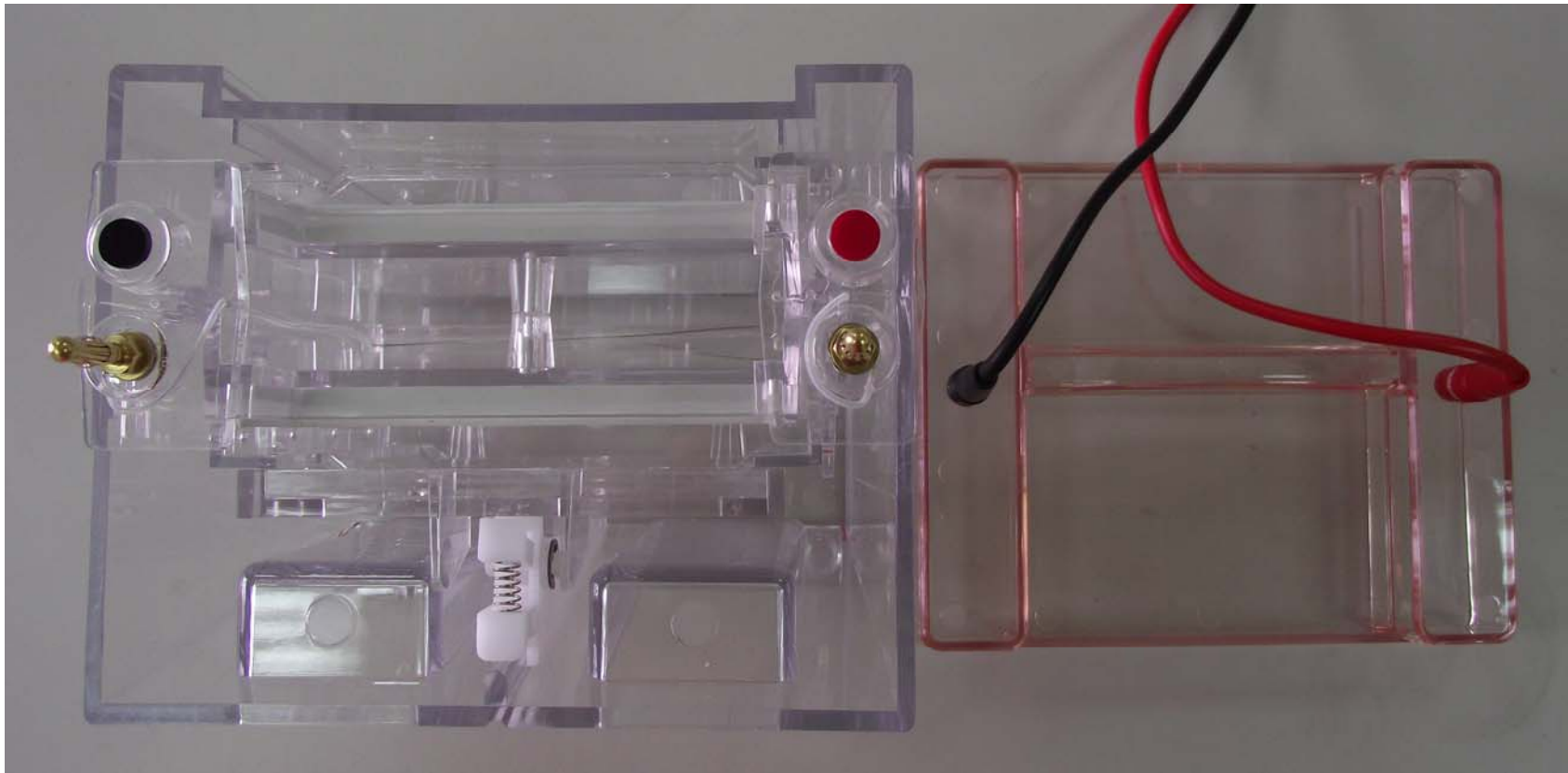


MaestroWEP specifications

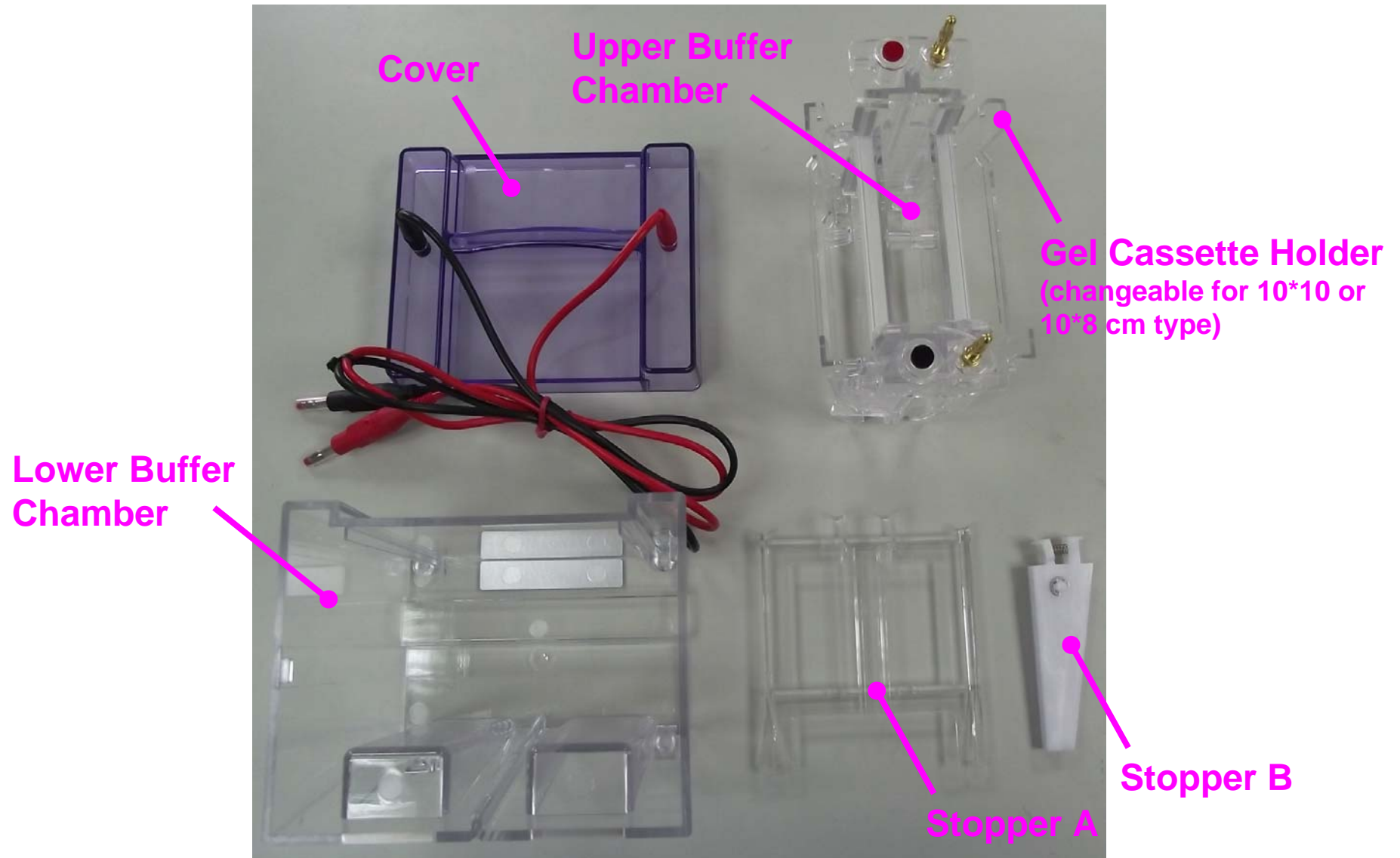
Specifications

Gel Capacity	Up to two 7.3 mm thickness precast gels
Cassette Size Compatibility	100*80 ~ 100*100 (mm)
Cell Dimensions	140(L)*110(W)*145(H) (mm)
Upper Buffer Chamber	120 mL
Lower Buffer Chamber	600 mL
Material	Polycarbonate
Shipping weight	2 Kg

MaestroWEP topview

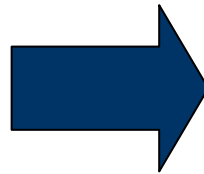


MaestroWEP parts list



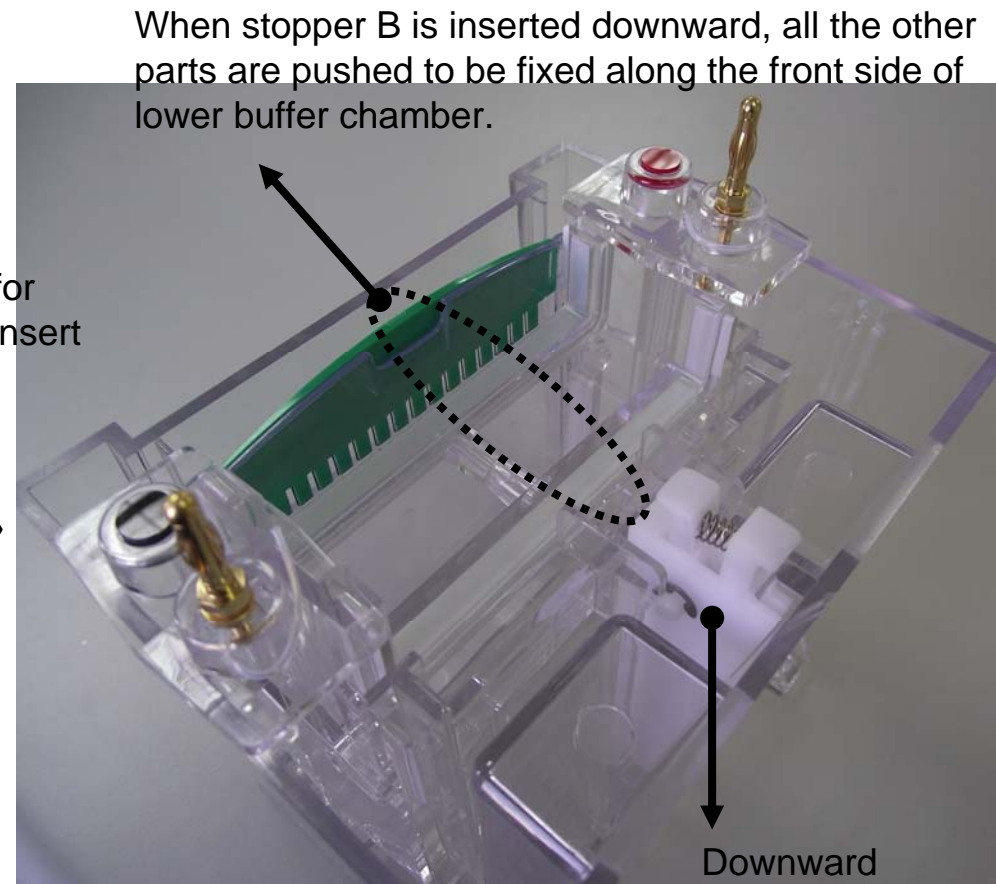
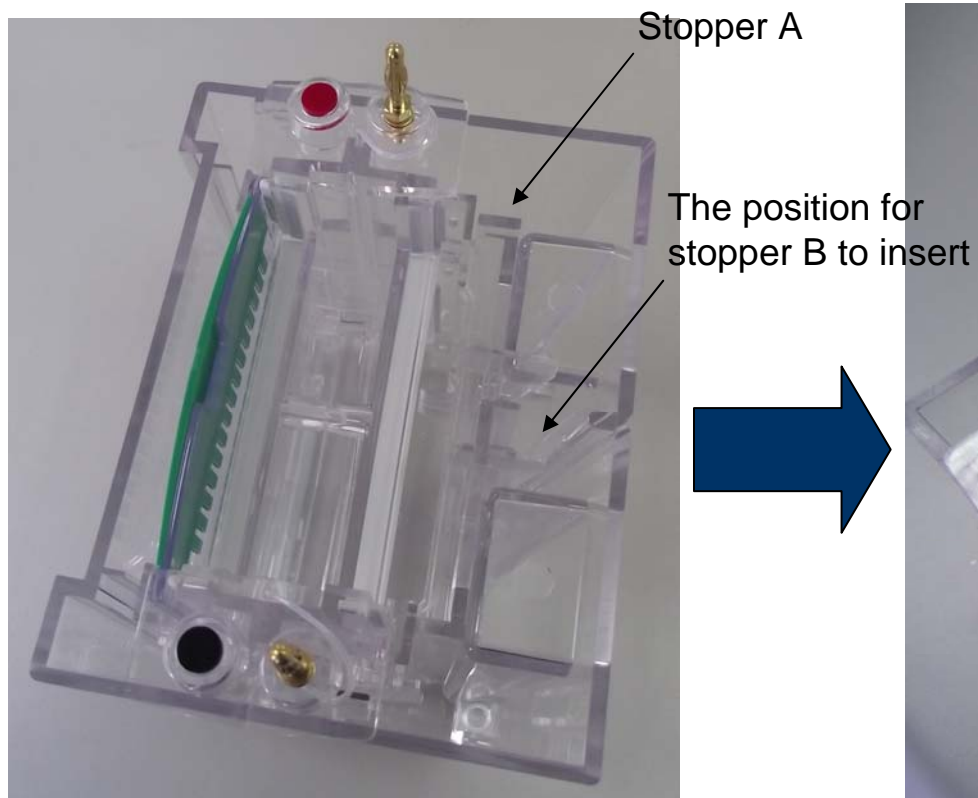
How to use MaestroWEP?

Step – 1 : insert one or two pieces of pre-cast gels into the cassette holder which is connected with the upper buffer chamber



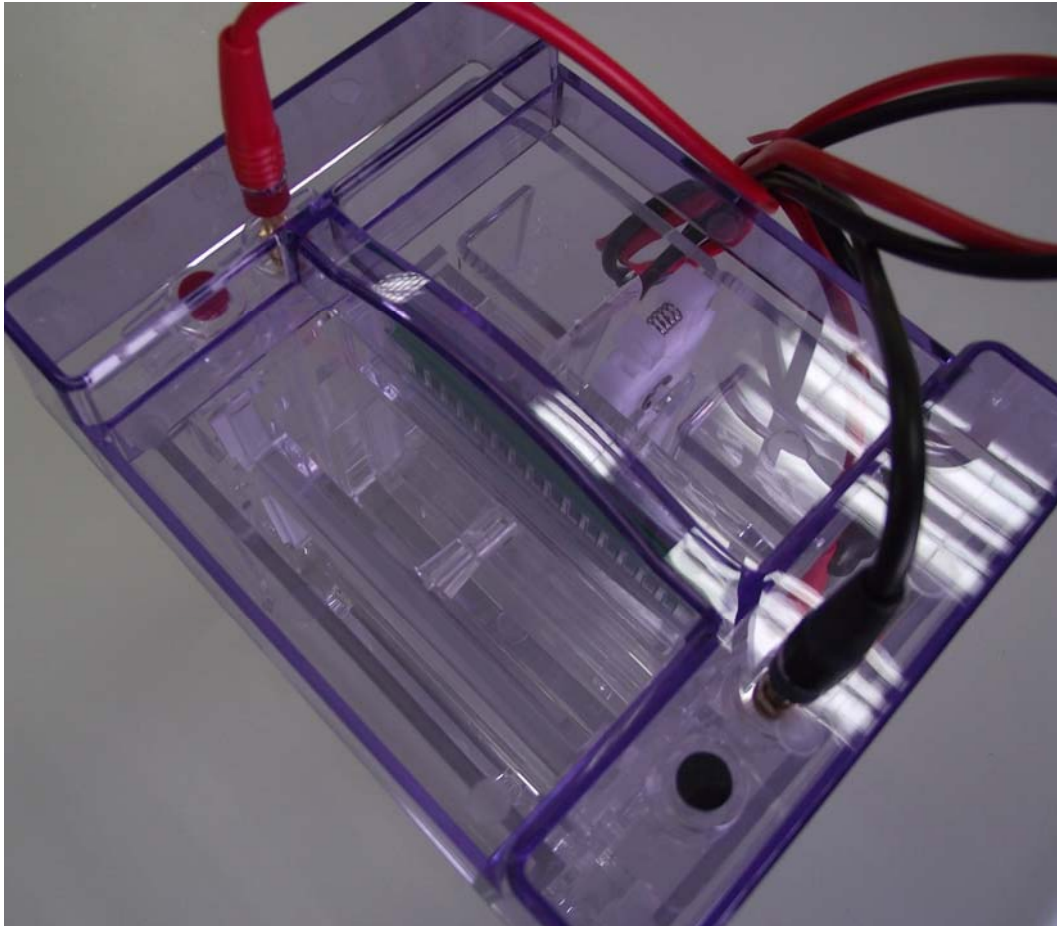
How to use MaestroWEP?

Step – 2 : put the upper buffer chamber with gel cassettes into lower buffer chamber. Insert stopper A and B to fix the components in the lower buffer chamber to be un-movable.



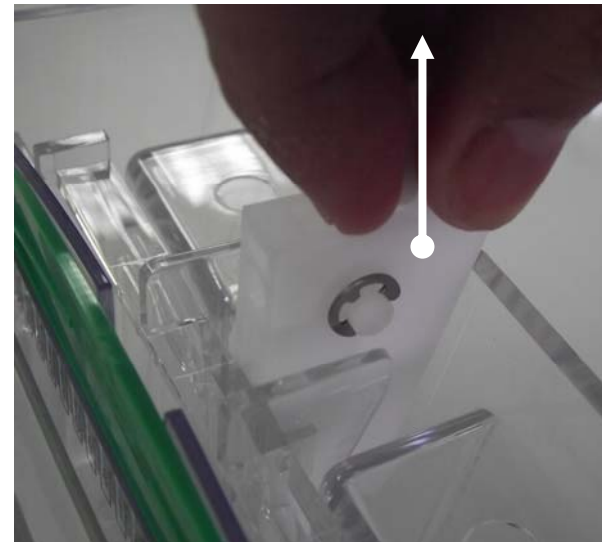
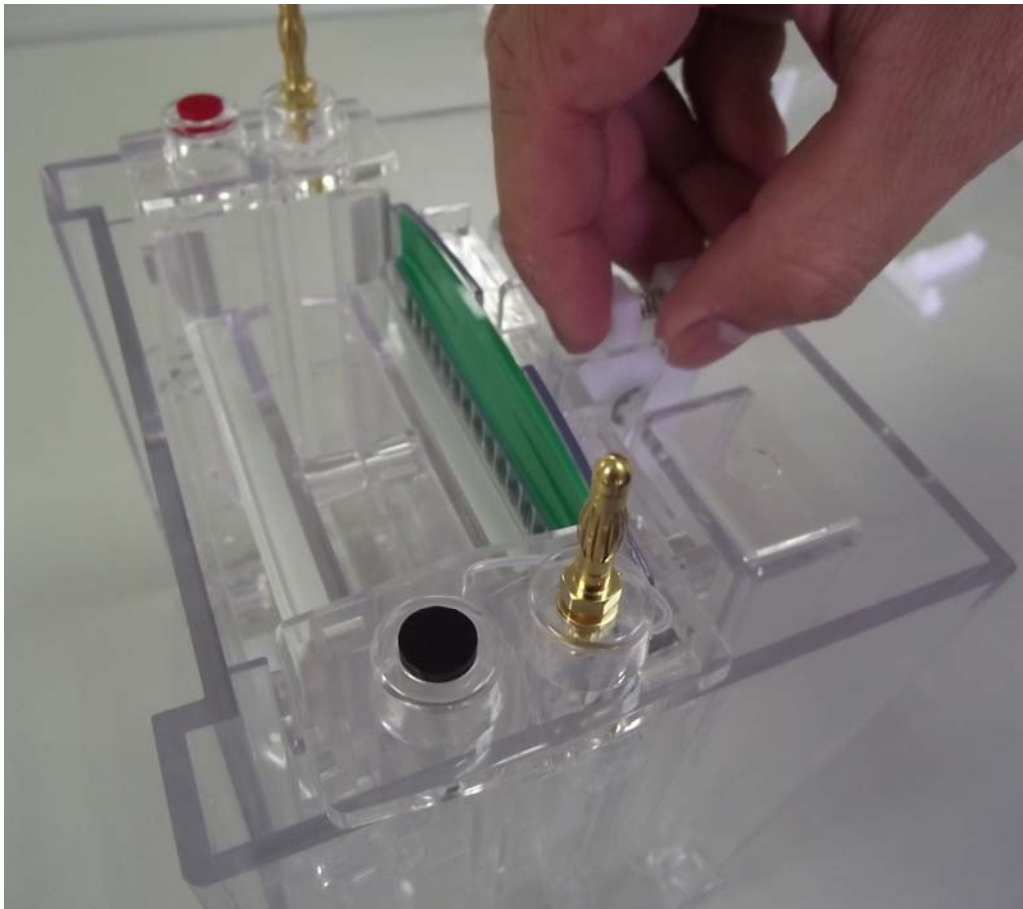
How to use MaestroWEP?

Step – 3 : move the cover to connect to the electrodes with circular color indication, followed by power supplied to perform electrophoresis

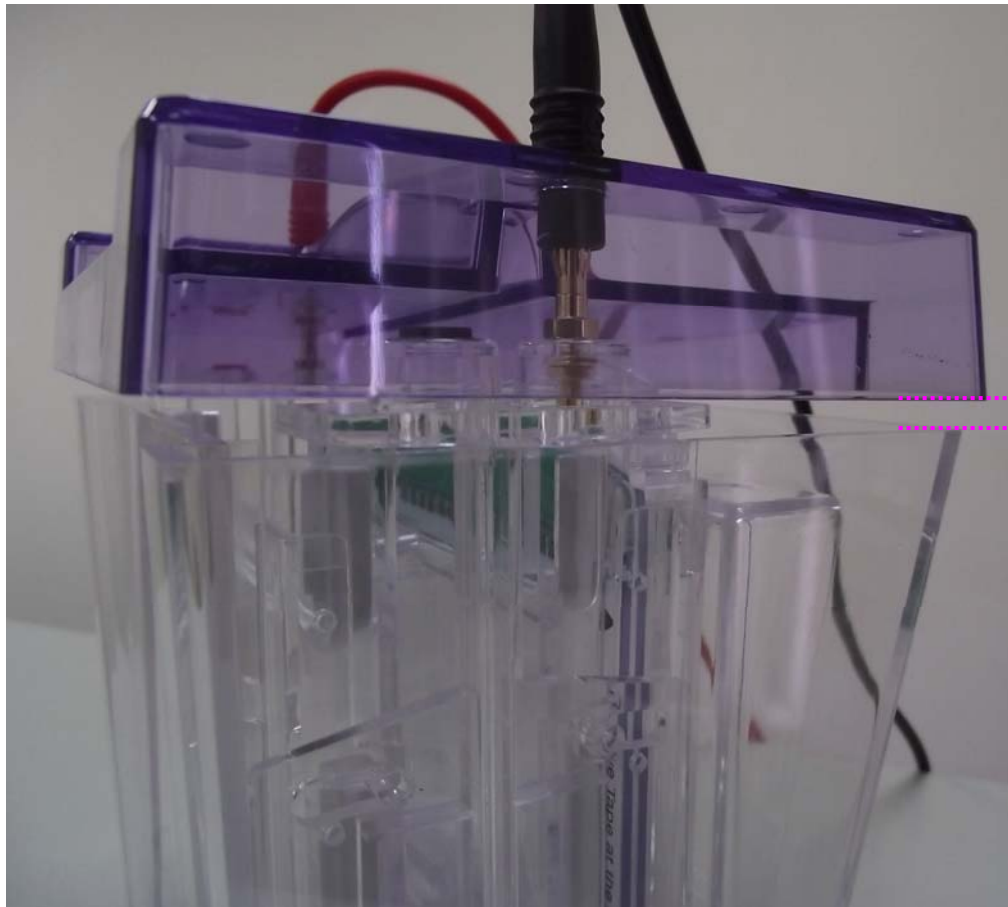


How to release MaestroWEP after electrophoresis?

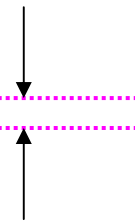
Power off → Take cover off → Release stopper B as shown below → take stopper A off → Take upper buffer chamber to remove gel cassettes



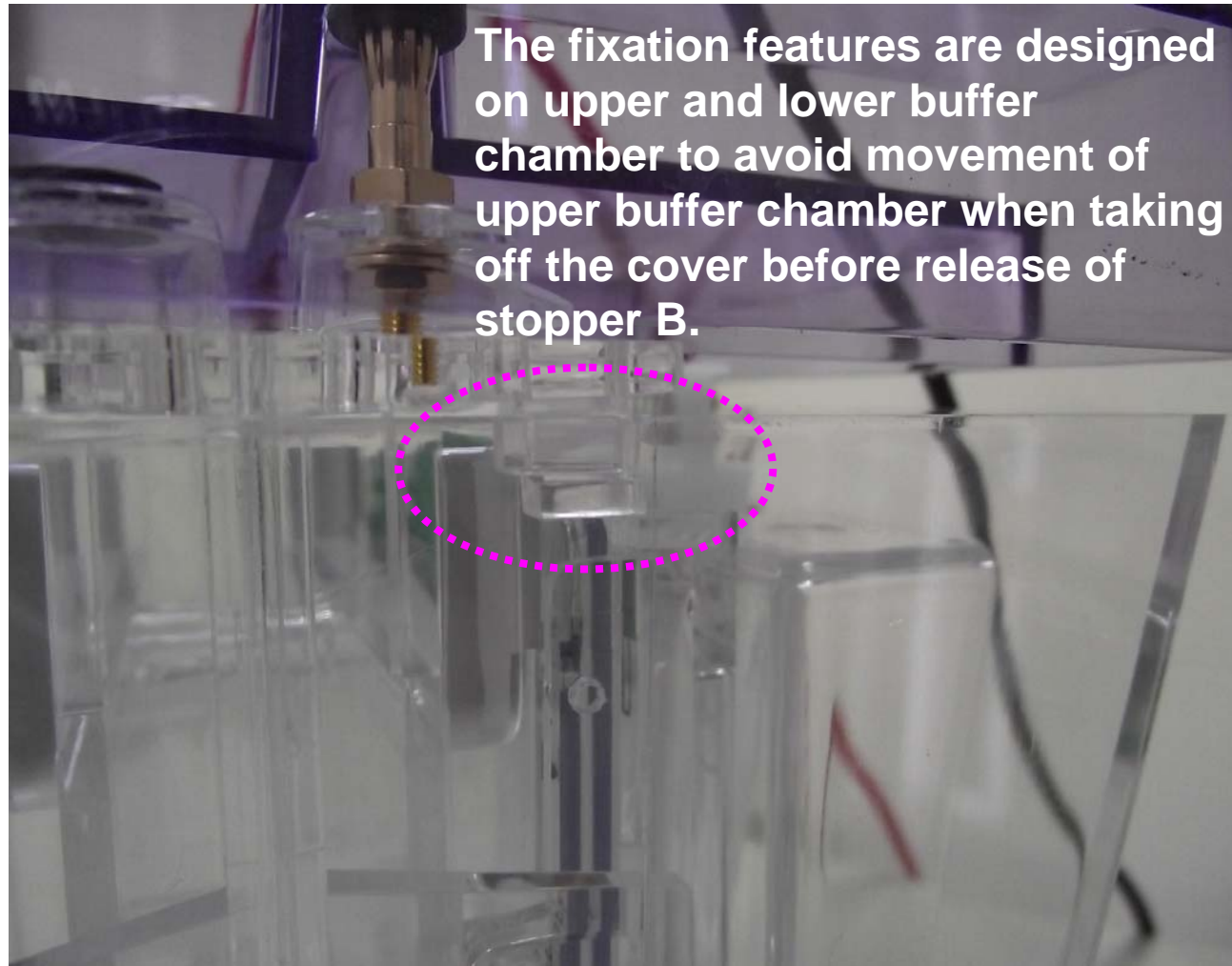
MaestroWEP – Cover



When cover is connected with the electrodes, there is an air gap between cover and lower buffer chamber which is for steam evaporation to leak when performing electrophoresis.

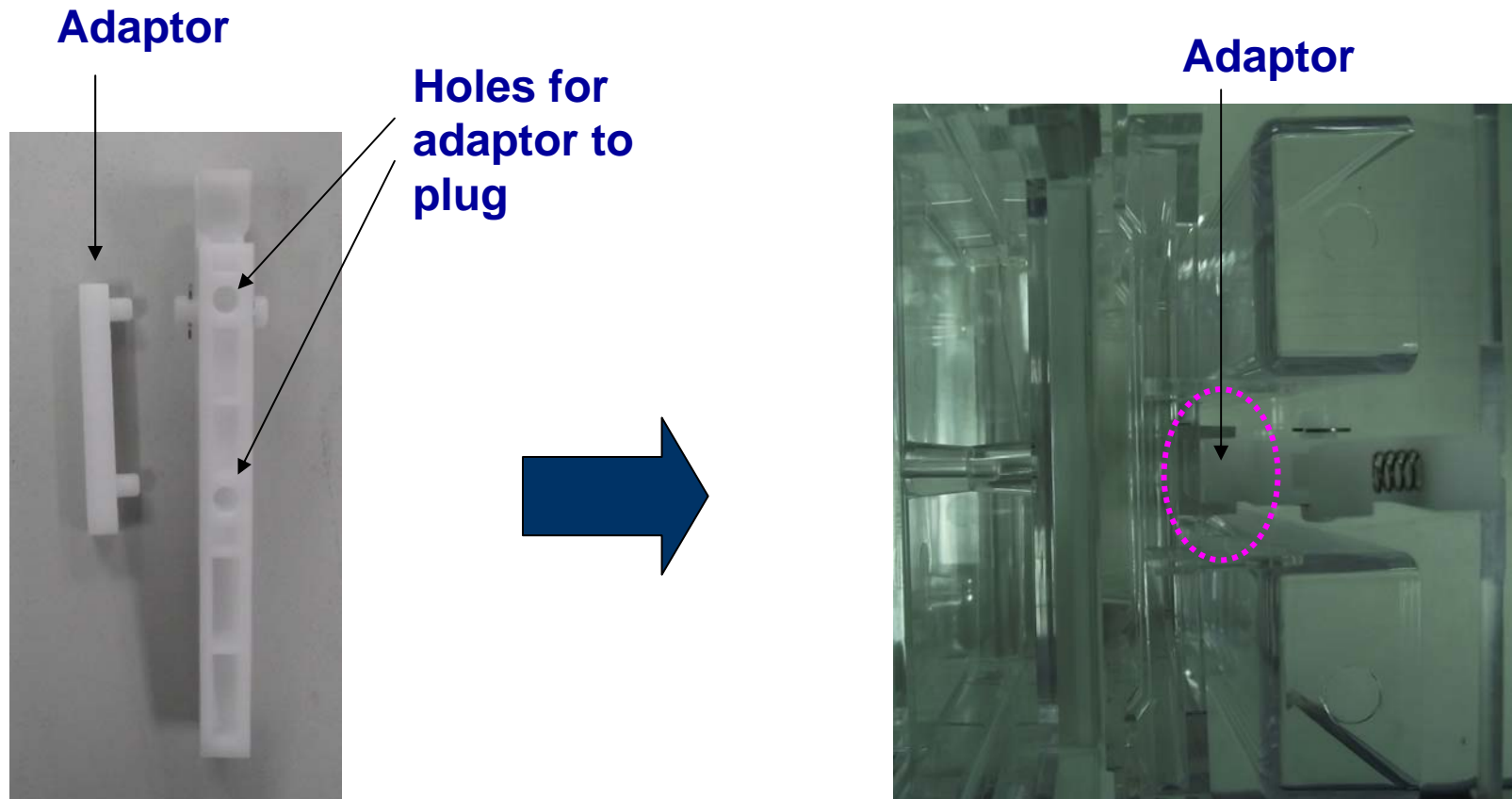


MaestroWEP – Fixation during and after electrophoresis



MaestroWEP – adaptor for thinner cassettes

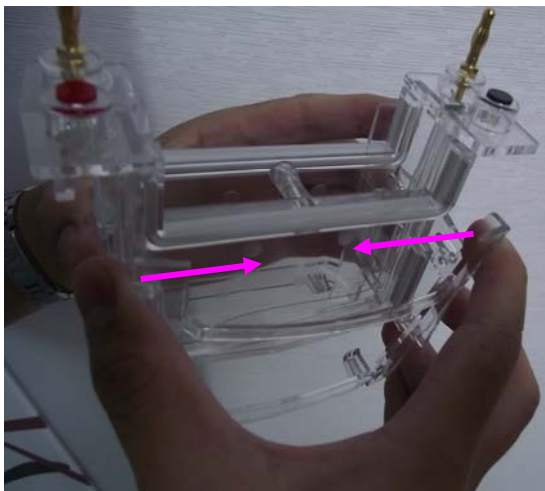
The adaptor is used for shrinking the space inside lower buffer chamber to fix the components to be un-movable.



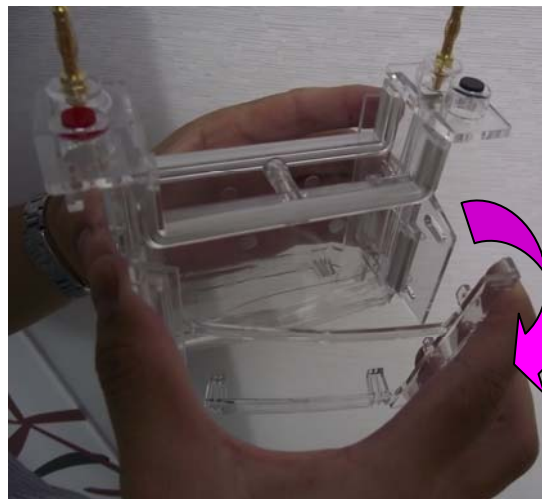
MaestroWEP – change cassette holder

Two kinds of cassette holders for 10*10 and 10*8 cm type gel cassettes:

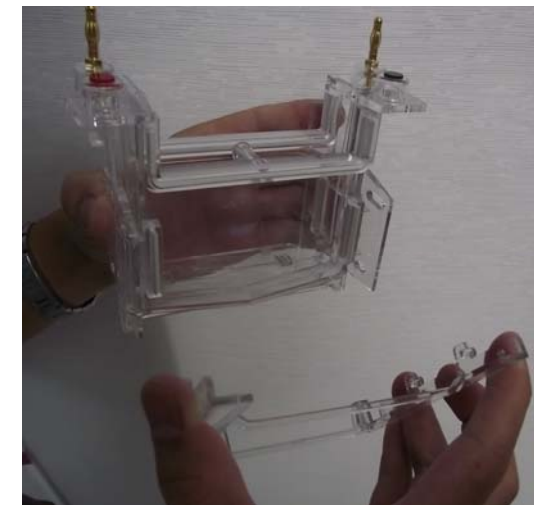
1. Squeeze the right/left sides of cassette holder for bending



2. Remove the bolts to leave one side of the holes on the upper buffer chamber



3. Remove the cassette holder from the upper buffer chamber

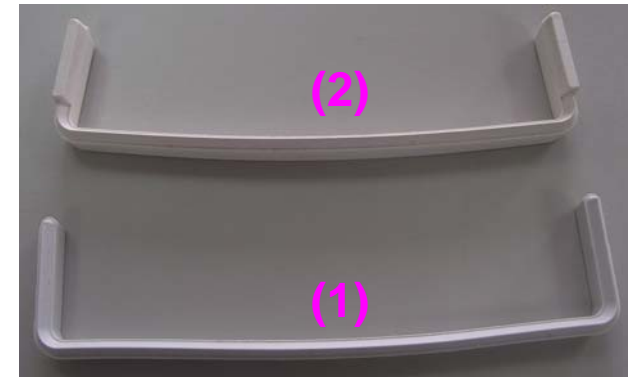


MaestroWEP – change U-shaped gaskets

Two kinds of U-shaped gaskets on upper buffer chamber:

(1) For flat surface cassettes on the upper side

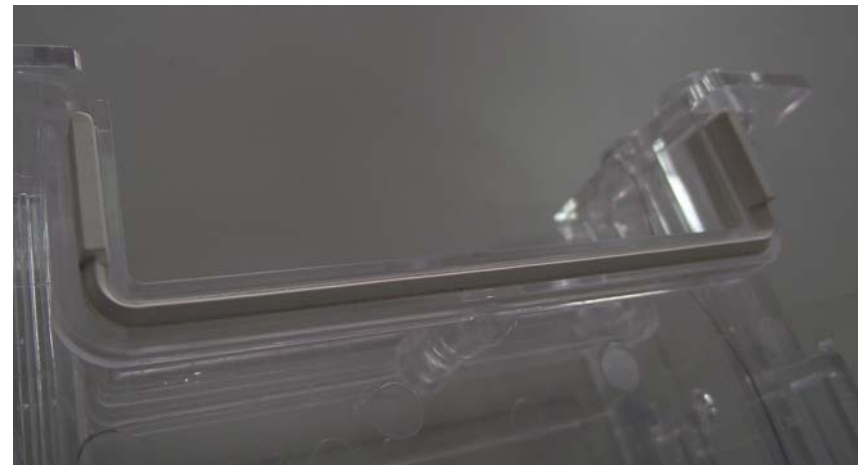
(2) For non-flat surface cassettes on the upper side



Pull up the corner of the gasket needed to be changed by fingers with care.



Push the two end sides of another gasket into the U-well first and force all gasket into the well



MaestroWEP – with two 7.3 mm-thick gel cassettes

