

SimulEYE Ultrasound

INSTRUCTIONS FOR USE:

The Ultrasound eye model needs to be filled with water.

- Unscrew the Suction Cup to reveal the back of the eye.
- Fill the syringe with water and attach the Plastic Cannula.
- Invert the eye, carefully insert the tip of the Plastic Cannula through the hole in the back of the eye and fill the eye with water.
- Remove the Plastic Cannula from the eye and fill with additional water behind the eye in the area where the threads are.
- Carefully replace the Suction Cup. A few drops of water will spill as the Suction Cup is screwed back in place.
- It is important to not have an air pocket.

Base Tray -- Orient the Logos TOWARD THE SURGEON for stability.

Elevated Base -- Place in center of Tray or it can be placed off center for optimal hand support.

The 4 non-slip feet on the bottom of the Elevated Base just need to straddle the ridges in the Base Tray.

Attach Ultrasound eye to the Elevated Base -- Press down at equator and not on cornea.

For A-Scan: Best to use an immersion shell.

For B-Scan and UBM: Place Cohesive Viscoelastic Substitute Gel on the U/S probe.

HIGHLIGHTS:

Very easy set-up. Just fill the back of the eye with water.

Perform A-Scan to obtain axial length measurements with contact or immersion techniques.

Perform B-Scan and Diagnostic A-Scan to view the back of the eye including the optic nerve shadow, staphyloma and a bi-lobed tumor.

Perform UBM to view the anterior segment anatomy.