

Ocular Fundus Eye Model, Bracket and Fill Kit

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|  |  |  | <table border="1"> <tr> <td data-bbox="1226 157 1372 220">Product Codes</td> <td data-bbox="1404 163 1477 220">CE</td> </tr> <tr> <td data-bbox="1226 231 1372 367"> OEM-F OEM-F2 OEMB1 OEMB2 OEMFK </td> <td data-bbox="1404 231 1477 367"></td> </tr> </table> | Product Codes | CE | OEM-F OEM-F2 OEMB1 OEMB2 OEMFK | |
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Design – Fundus Eye Model - (OEM-F)

- Designed primarily to assist in teaching slit lamp biomicroscopy and ophthalmoscopy.
- Every effort has been made to duplicate pathological problems found in the human eye.
- A peg on the back fits into the Ocular Eye Model Bracket (OEMB1) which can be attached to any slit lamp.
- The eye has a retinal detachment showing an elevated retina and retinal tear.
- It also displays a foreign body, optic disc and blood vessels.
- A line at the 180 degree meridian designates the region of the equator.

Design – 2mm Fundus Eye Model - (OEM-F2)

- Designed primarily to assist in teaching slit lamp biomicroscopy and ophthalmoscopy.
- Every effort has been made to duplicate pathological problems found in the human eye.
- A peg on the back fits into the Ocular Eye Model Bracket (OEMB1) which can be attached to any slit lamp.
- The eye has a retinal detachment showing an elevated retina and retinal tear.
- It also displays a foreign body, optic disc and blood vessels.
- A line at the 180 degree meridian designates the region of the equator.

Design – Bracket - (OEMB1)

- Designed with a position-adjustable post used to attach the eye model to the slit lamp chin rest.
- A second post is supplied for slit lamps which require a longer post.

Design – Table Top Holder - (OEMB2)

- Holds eye model at 52° angle while allowing free rotation of the eye model.
- Particularly useful for teaching the use of the binocular indirect ophthalmoscope..

Design – Fill Kit - (OEMFK)

- Kit includes 3cc syringe, 21 gauge blunt needle, 1/16 hex key, and a bottle of mineral oil.

Cleaning – Eye Model and Bracket

- Wash and rinse thoroughly with soap and water.
- Dry with soft tissue.

Filling – Eye Model

If an air bubble appears inside the eye model, use the eye fill kit and follow the steps below to add oil. As the process can be messy, working over a tissue is advised.

1. Holding eye model in one hand, insert hex key into stem, unscrew and remove hex screw, then set aside. Place eye model stem-up in its container to await filling.
2. Immerse syringe approximately 3/8 inch into bottle of mineral oil, pull back on plunger and fill to 3cc.
3. Remove needle from protective sheath, screw onto end of syringe.
4. Hold syringe in upright position, needle pointing up. Apply slight pressure on plunger until air is released and oil flows. Wipe off excess oil.
5. Holding eye model with stem pointing straight up, insert needle into hole in stem and slowly inject mineral oil, allowing air bubbles in the eye to escape.

NOTE *Oil will overflow.* If eye is held over open oil bottle, excess oil can drip back into bottle for future use.

6. When bubbles stop rising, remove needle from stem, maintaining slight pressure on plunger to keep stem filled with oil. Insert hex screw into stem and tighten. The screw should be snug.

Caution

Do not over tighten as this may cause the eye model to crack. This type of damage is not repairable.

7. Wipe excess oil off eye model. It is now ready for insertion into the Ocular Eye Model Bracket or storage in the Ocular Eye Model Container (OEMC).
8. Remove needle from syringe and inject unused oil back into mineral oil bottle for future use. Wipe excess oil off all Fill Kit parts and store.

For further information on this or any Ocular Product, contact Customer Service



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