



F210

Eye model, 4 times life size, 6 parts

Complex hand painted reproduction of a human eye in about 4 times life size. The model includes two halves of sclera with retina and eye muscle attachments as well as vitreous humour, lens, cornea and iris. The model has 6 parts in total. It can be removed from the stand.

Size of Eye: 10 x 10 x 12 cm

Model size with stand: 12 x 12 x 15 cm

Weight: 350 g

Ref.no. F210



New



F110

Eye, 6 times life size, 6 parts

Model can be bisected on the horizontal plane to show internal details. Cornea, iris, lens and vitreous body can be removed. Muscular attachments on the sclera and part of the choroid are also shown. Mounted on stand.

Size: 16 x 17 x 26 cm

Weight: approx. 1.1 kg

Ref.no. F110



R10123



F25

Eye half, enlarged

This three part model shows the inner anatomy of a human eye. Lens and cornea are removable. On stand.

Size: 12.5 x 10 x 9.5 cm

Ref.no. F25

Eyeball with Functional Lens, 6-times full-size, 5-part

Featured on the exterior of the cornea are the large lacrimal gland, muscle attachments, optic nerve and blood vessels. To study interior features, the iris/cornea unit can be removed as can the functional lucite lens which magnifies and forms inverted images. Removing the transparent vitreous body exposes the choroid coat and retina complete with the blind spot and yellow spot containing the fovea. Rods, cones, and other retinal microstructures are detailed in a highly magnified diagrammatic cross section. Mounted on a wooden base.

Size: 15 x 15 x 15 cm

Ref.no. R10123



F140



Eye with orbit, 4 parts

5X life size. Model shows the eyeball with optic nerves and muscles in its natural position in the bony orbit.

The removable parts are:

- rectus lateralis muscle
- levator palpebrae superioris muscle together with the lacrimal gland
- eyeball with extrinsic eye muscles
- base of bony orbit

Mounted on base.

Size: 42 x 30 x 31 cm

Weight: approx. 3.2 kg

Ref.no. F140



F150



Eye with orbit, 11 parts

5X life size. Model shows the eyeball with optic nerves and muscles in its natural position in the bony orbit. The eyeball is dissected in two removable halves, with internal structures fully exposed.

The removable parts are:

- cornea, iris, lens and vitreous body (4 parts)
- three different muscles rectus bulbi
- levator palpebrae superioris muscle together with the lacrimal gland
- eyeball with extraocular muscles (2 parts)
- base of bony orbit

Mounted on base.

Size: 42 x 30 x 31 cm

Weight: approx. 3.4 kg

Ref.no. F150

New



F160



Eye in orbit with eyelid

This 13- part model, enlarged approximately 2,5X life-size, shows the anatomy of the human eye.

The orbit can be opened into 3 parts to reveal the internal structures:

- eyelid with lacrimal gland and duct
- muscles (4 parts)
- eyeball dissected in 2 removable halves
- cornea, iris, lens and vitreous body (3 parts).

Mounted on base.

Size: 25 x 18 x 18.5 cm

Weight: 2.2 kg

Ref.no. F160



Cornea Eye Cross-Section

This normal oversized eye model includes 4 interchangeable corneas that show various cornea conditions including: bullous keratopathy, Fuch's endothelial dystrophy, keratoconus and normal.

Size: 13 x 8 x 13.5 cm

Ref.no. F85

F85



Cataract Eye Model

Oversized eye model including interchangeable lenses that show various types of cataract conditions including subcapsular, capsular, mature, cortical and nuclear. The education card also highlights the visual effect of glaucoma.

Size: 13 x 11 x 10 cm

Ref.no. F80

F80

Eye examination trainer

This simulator is an innovative teaching aid for fundus examination. By combination of Slides, depth and pupil diameter 90 patient cases can be simulated.

Supplied slides include:

- Normal eye-ground
- Hypertensive retinopathy: arteriolar vasoconstriction grade 3, arteriosclerosis grade 1, hemorrhages and cotton wool spot, simple vein concealment.
- Simple / background diabetic retinopathy: microaneurysms, hemorrhages & hard exudates
- Papilloedema (chronic phase)
- Papilloedema (acute phase)
- Glaucomatous optic atrophy: glaucomatous optic disc cupping & nerve fiber bundle defect
- Retinal vein occlusion (acute phase): flame-shaped hemorrhage & cotton wool spots
- Retinal vein occlusion (after retinal laser photo-coagulation)
- Toxoplasmosis: retinochoroiditis
- Age-related macular degeneration: macular exudates & subretinal hemorrhage

The model is supplied completely with Slide rack and Slide duster. An Ophthalmoscope is not supplied with the model.

Size: 42 x 22 x 38 cm

Weight: approx. 2 kg

Ref.no. R16100



R16100