Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Human Eye Model

Product Code :

SLE/A/10



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Description :

Human Eye Model (Product Code: SLE/A/10) is a five-times-enlarged, bisected eyeball that opens up the inside of the eye for teaching sight, focusing and eye defects. Its lens, iris, aqueous humor and cornea lift out, so students can handle the parts that bend light and see where each one sits. For schools and colleges searching for an eye model for anatomy teaching in India, it offers labelled structures and eye muscles on a compact blue base. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Scale	5x life size
Size (with base)	21 x 14 x 12 cm
Base	Blue base
Construction	Eye bisected to show internal structure
Removable parts	Lens, iris, aqueous humor and cornea
Labelling	Eye structures and musculature labelled; key included

Typical Use

In a lesson on image formation, the teacher lifts out the cornea and lens to show the two structures that refract incoming light, then replaces them to show how light reaches the retina at the back of the bisected eyeball. Removing the iris makes it easy to explain how the pupil widens and narrows in changing light. The labelled external muscles help older students understand how both eyes move together, which links well to discussions of squint and eye strain.

Class 10 physics and biology topics on the human eye, myopia and hypermetropia become more concrete when learners can hold the lens and see its position relative to the retina. Colleges also use the model in optometry and nursing foundation courses as one of their core biology teaching aids. Return each removable part to its place after the session and store the model covered to keep small pieces from going missing.

Manufacturer

Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597) trades as ScienceLab and manufactures its teaching models at a licensed factory at 449, HSIIDC Industrial Area, Saha, Ambala, Haryana (Factory Licence AMB-ONLINE-CHD-J-414). Learn more about the company on the ScienceLab company profile.

Related Human Models

Other eye models that build on this one, from the orbit to the microscopic layers:

- Human Eye in Orbit Model — shows the eyeball in its bony socket with surrounding
- [illegible]
- [illegible] mon