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

Product Name :

Human Inner Ear Model, 4x

Product Code :

SLE/A/133



Science Lab
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Phone: +91-7082934803

Description :

The **Human Inner Ear Model, 4x** (Product Code: SLE/A/133) enlarges the organs of hearing that sit hidden inside the skull to about four times life size, so a class can follow sound from the eardrum, across the ear bones and into the cochlea. Biology teachers, nursing and paramedical tutors and ENT or audiology instructors use it as a compact ear model for anatomy lab teachingin India and abroad. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Scale	About 4× life size
Size	18 × 18 × 20 cm (H)
Mounting	On stand with base
Cochlea	Dissectible into 3 parts
Structures included	Cochlea, ear bones and tympanic membrane

Typical Use

In a lesson on hearing, the teacher can start at the tympanic membrane, show how the ear bones pass vibration inward, and then lift the cochlea apart into its 3 parts to reveal the coiled interior where sound is turned into nerve signals. Because the structures are held on a stand, the model can be turned to face the class or passed along a bench for close inspection without anyone handling loose pieces.

The model also supports revision of common hearing problems, such as why damage to the eardrum or the ear bones reduces conduction while cochlear damage affects sensing. Among biology teaching aids for secondary school, nursing and allied-health courses, a bench-sized inner ear like this is easy to store and quick to set out for practical examinations.

Manufacturer

This inner ear model comes from **Jain Scientific Equipments Private Limited**, a company in Ambala, Haryana that sells its educational and laboratory range under the **ScienceLab** name. Schools, colleges and distributors can read about the company's background on our company profile page.

Related Human Models

Models and apparatus that fit the same lesson on the ear and hearing:

- Human Inner Ear Model, 18x — a much larger view of the inner ear for detailed study of the labyrinth
- Human Ear Model, 5 Parts — puts the inner ear in context with the outer and middle ear
- Human Ear Model — a one-piece ear with blood vessels for quick overview teaching
- Tuning Fork Set, Steel — for simple sound and hearing demonstrations alongside the

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