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

Product Name :

Atlas, Axis, and Occipital Bones Set

Product Code :

SLE/A/59



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

Description :

Atlas, Axis, and Occipital Bones Set (Product Code: SLE/A/59) is a life-size representation of the base of the skull, the occipital plate, with the first two cervical vertebrae, the atlas and axis, held in their natural positions. It isolates the craniovertebral junction, the region that lets the head nod and turn, so it can be studied without the distraction of a whole skull or spine. The set is rod-mounted on a durable polymer base and is used in anatomy, physiotherapy, chiropractic, radiography and nursing teaching. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as a companion to a full human skeleton model in India.

Specifications

Parameter	Detail
Type	Occipital plate with atlas and axis vertebrae in situ
Scale	Life size
Size (without stand)	12 × 9 × 7 cm
Mounting	Rod-mounted on a durable polymer base

Typical Use

The joints between the skull, atlas and axis are unlike any others in the spine, and they are hard to visualise from textbook images. With the bones shown in situ, a lecturer can explain how the occipital condyles rest on the atlas to allow nodding, and how the atlas pivots around the axis to turn the head from side to side. Students can then identify features such as the ring shape of the atlas and the upward projection of the axis.

Physiotherapy and chiropractic courses use the set when discussing neck movement and upper cervical injuries, while radiography students compare it with images of the region. Because it is small and firmly rod-mounted, it can stand on a bench throughout a practical; lift it by the base rather than by the bones to protect the mounting.

Manufacturer

This set is made by **Jain Scientific Equipments Private Limited**, a manufacturer in Ambala, Haryana that trades as **ScienceLab** and supplies medical, paramedical and school institutions in India and international markets. For company information, see our company profile.

Related Human Models

These skull and spine models extend a lesson on the head and neck:

- Human Skull with Cervical Spine Model — shows the full skull with the whole neck region.
- Human Cervical Spinal Column Model — continues below the axis through the rest of the cervical vertebrae.
- Human Skull Bones Model — places the occipital bone among the other bones of the skull.
- Human Vertebral Column Model With Skull — the complete spine and skull for context.
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More

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