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Product Name :

Economy Human Flexible Vertebral Column, Color Coded

Product Code :

SLE/A/65



Description :

Economy Human Flexible Vertebral Column, Color Coded (Product Code: SLE/A/65) is a fully flexible, life-sized plastic spine that runs from the occipital plate at the base of the skull down through the cervical, thoracic and lumbar vertebrae to the sacrum, coccyx and complete pelvis. Each region is color coded, and the model adds vertebral arteries, spinal nerves and a prolapsed L3–L4 disc, so one piece covers normal anatomy, movement and a common clinical problem. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as school biology lab equipment in India and for colleges, physiotherapy departments and clinics that need a spine without buying a full human skeleton model.

Specifications

Parameter	Detail
Scale	Life-sized
Material	Plastic
Flexibility	Fully flexible vertebral column
Skeletal parts	Occipital plate; cervical, thoracic and lumbar vertebrae; sacrum; coccyx; complete pelvis
Colour coding	Regions of the vertebral column color coded for easy identification
Soft structures	Vertebral arteries and spinal nerves
Pathology	Prolapsed L3–L4 intervertebral disc

Typical Use

Because the column bends, a teacher can flex, extend and side-bend it in front of the class to show how the curves of the neck, chest and lower back change with movement. The colour coding lets beginners count and name the regions quickly, and the spinal nerves leaving the column make it easy to explain why a disc prolapse can cause pain or numbness further down the body. Pointing out the prolapsed L3–L4 disc next to the healthy levels turns an abstract diagnosis into something students can see.

Physiotherapists and chiropractors use the model at the treatment desk to explain posture and back problems to patients, and sports-science, nursing and school biology lab setups use it for units on the skeletal and nervous systems. When storing it, hang or lay it straight so the column does not stay bent for long periods, and dust it with a soft cloth.

Manufacturer

This vertebral column is part of the budget-friendly anatomy line from Jain Scientific Equipments Private Limited, which trades as ScienceLab and is based in Ambala, Haryana. For tender and vendor-registration paperwork, the company's details are GSTIN 06AAECJ8618A1ZT and LEI 3358004HRD1JIVXKYX49. Read more on the company profile page.

Rela

Spine