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

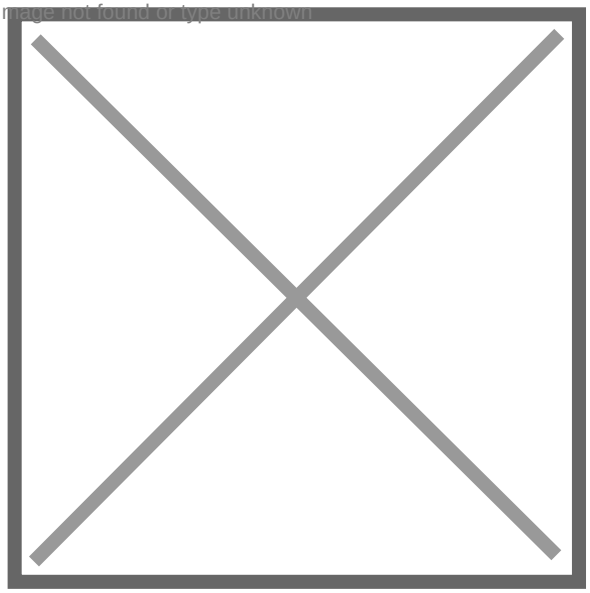
Product Name :

Simulator and Spinal Discopathy

Product Code :

SCL257/029

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Description :

Simulator and Spinal Discopathy (Product Code: SCL257/029) is a lumbar spine anatomy model used to teach the structure of the vertebrae and to compare healthy and diseased intervertebral discs in biology, nursing and physiotherapy classrooms. It presents full-size normal L2, L3 and L4 vertebrae with intervertebral discs and a lumbar nerve section, fully articulating, together with two examples of disc disease. **Jain Scientific Equipments Pvt Ltd (ScienceLab)** makes the model as an OEM scientific instruments manufacturer in India at its own factory in Ambala.

Specifications

Parameter	Detail
Vertebrae shown	L2, L3 and L4 (lumbar), normal
Scale	Full size
Soft structures	Intervertebral discs and lumbar nerve section
Pathology examples	Two examples of disc diseases
Articulation	Fully articulating
Product code	SCL257/029
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Spinal Discopathy Model Used For?

The model gives learners a life-size view of the lower back. Teachers point out the vertebral bodies, the arches and processes, the discs that cushion each joint and the nerve that leaves the spinal canal at every level. Because the segment is fully articulating, it can be bent gently to show how the discs are squeezed during forward and backward movement.

The two disc disease examples sit beside the healthy discs, so students can see how a damaged disc changes shape and why it may come close to the nerve. That comparison is useful in nursing, physiotherapy and sports science teaching, as well as in patient-education talks. Handle the model by the vertebrae rather than the nerve section, and clean it with a soft, slightly damp cloth.

OEM Manufacturer

Jain Scientific Equipments Private Limited — trading as ScienceLab — is the OEM (original equipment manufacturer) of this spinal discopathy model. As an anatomical models manufacturer, the company produces its models at its own licensed factory at Saha, Ambala, Haryana, India. Institutions ordering from ScienceLab deal directly with the maker, which keeps quotations straightforward and lets any after-sales question go to the people who produced the model.

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