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Product Name :

Functional Elbow Joint

Product Code :

SLE/A/50



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Description :

Functional Elbow Joint (Product Code: SLE/A/50) is a life-size anatomical model of the human elbow used to demonstrate how the joint moves in anatomy, physiotherapy and sports science teaching. Its realistic bones and ligaments form one 1-part unit on a base that can be taken through all normal elbow movements, so students watch a working joint instead of a fixed pose. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of human anatomical models and biology lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Type	Functional model of the human elbow joint
Scale	Life-size
Construction	1-part model with realistic bones and ligaments
Movement	Demonstrates all normal elbow joint movements
Size with base	22 x 19 x 41 cm
Weight with base	0.65 kg
Product code	SLE/A/50
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Functional Elbow Joint Used For?

The elbow is where students first meet the idea that one joint can combine two kinds of motion: bending and straightening of the forearm, plus the turning of the palm up and down. With this functional model a teacher can move the forearm slowly while the class watches the joint surfaces glide and the ligaments on either side tighten and relax. Students then repeat the movement on their own arms and name what they saw. It is also a handy prop when explaining sprains, dislocation or overuse injuries around the elbow.

At 0.65 kg with its base, the model is light enough to pass around a tutorial group or carry between lecture rooms. Move it only within its natural range and never force the joint past its stop, as that strains the ligaments. In a human biology model set for anatomy practicals, a moving elbow sits well beside static bone models and sectioned joints.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, the OEM (original equipment manufacturer) of the Functional Elbow Joint. The model is produced at the company's own licensed factory at Saha, Ambala, Haryana, India, rather than sourced from a trader, and it goes out factory-direct to medical, nursing and physiotherapy colleges, schools, dealers and impor

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