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Product Name :

3D Printed Human Flexed Knee Joint

Product Code :

SLE/A/130



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Description :

3D Printed Human Flexed Knee Joint (Product Code: SLE/A/130) is a 3-D printed anatomical model of a deep dissection of a flexed left knee, used to study detailed knee anatomy in medical and allied-health teaching without human cadavers. It measures 11-4/5" L x 9-4/5" W x 9-4/5" H and is designed to be as realistic as possible, giving departments without a dissection hall a lasting specimen for small-group work. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Type	3-D printed dissection model of the knee joint
Side	Left knee
Position	Flexed
Dissection shown	Deep dissection
Size	11-4/5" L x 9-4/5" W x 9-4/5" H
Purpose	Realistic specimen study without human cadavers
Product code	SLE/A/130
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 3D Printed Flexed Knee Joint Used For?

A flexed knee opens the front of the joint in a way that an extended model cannot, which is why dissection guides often study the knee in this position. With a deep dissection of the left knee in front of them, students can work through their dissection manual, locate the deeper joint structures it describes and relate them to landmarks they feel on their own legs. Instructors in medical, physiotherapy, sports medicine and orthopaedic courses use it for small-group demonstrations and for spotting tests where each station asks students to name a structure.

Because it is printed rather than preserved, the model needs no fixative chemicals or special disposal arrangements, which makes it a practical alternative to biological specimens alongside other human anatomical models. Handle it with both hands, avoid pressing on fine dissected details, dust it with a soft brush and keep it in a closed cabinet away from direct sunlight between classes.

Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab from Ambala, Haryana, manufactures this 3-D printed knee dissection as part of the anatomy range it offers to medical, physiotherapy and sports science colleges. Buyers can combine it with the company's bone and joint models in a single quotation, and ScienceLab handles dispatch to institutions in India and international markets.

Read

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