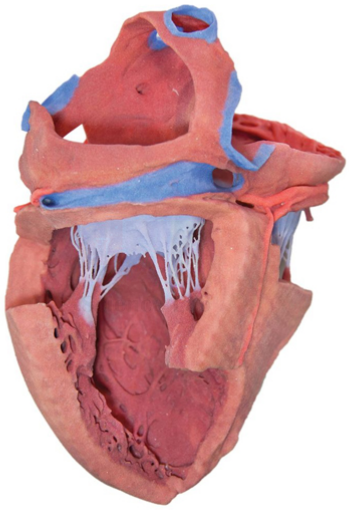
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Product Name :

3-D Printed Internal Heart Structures Model

Product Code :

SLE/A/132



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Description :

3-D Printed Internal Heart Structures Model (Product Code: SLE/A/132) is an about life-size, 3-D printed heart that has been dissected to display the internal structures of its chambers. It lets students study a specimen that is as realistic as possible without the need for human cadavers, which makes it valuable for cardiovascular teaching in medical, nursing and paramedical programmes. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a biology lab equipment supplier to institutions in India and abroad.

Specifications

Parameter	Detail
Type	3-D printed dissected model of the internal heart structures
Scale	About life size
Size	11-4/5" W x 9-4/5" H x 9-4/5" L
Structures shown	Internal structures of the chambers of the heart
Purpose	Realistic specimen study without the need for human cadavers

Typical Use

Understanding the heart means understanding what happens inside it. With the chambers opened, a lecturer can trace the route of blood from the body into the right side of the heart, out to the lungs, back into the left side and onward to the body, using the model's interior to explain how valves and the dividing wall keep that flow moving in one direction. Students who have only seen a heart model from the outside often find this the point at which the double circulation finally makes sense.

Because it is 3-D printed rather than preserved tissue, the model can be handled freely in ordinary classrooms and skills labs, with no specimen storage or chemical handling. It is used in anatomy practicals, cardiac nursing modules and paramedic training, and it complements a conventional heart model in anatomy classes across India: the external model for surface features, this one for the chambers within.

Manufacturer

Jain Scientific Equipments Private Limited manufactures the 3-D Printed Internal Heart Structures Model and trades under the **ScienceLab** name from Ambala, Haryana. Purchasing departments that require the company's registration documents for vendor onboarding can ask for them when requesting a quotation. See our company profile for more background.

Related Human Models

Models that round out a cardiovascular lesson:

- Human Heart Model — for the external features that complement this internal view
-
-
-

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