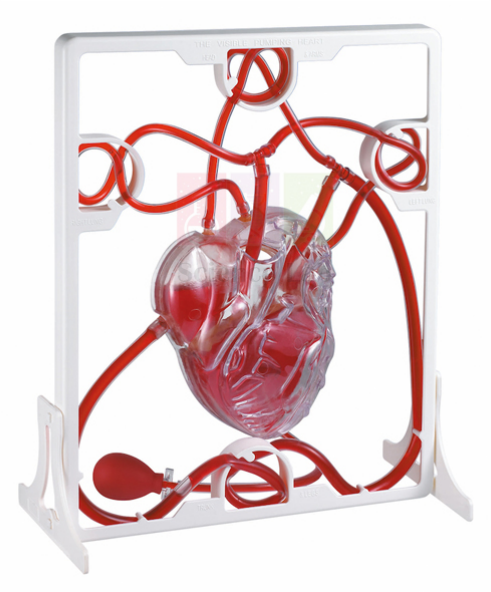
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Product Name :

Human Heart, Pumping Model

Product Code :

SLE/BL/61



Description :

The **Human Heart, Pumping Model** (Product Code: SLE/BL/61) is a 3-D working plastic heart with clear chambers, in which a squeeze bulb pumps simulated blood through the chambers inthe same way a real heart moves blood. It is easy to assemble, comes with a complete instruction manual and a display stand, and includes acrylic paints and a brush so students can colour the finished heart themselves. Manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, it works as a science model kit for school projects as well as a hands-on aid for circulation lessons.

Specifications

Parameter	Detail
Type	3-D working heart model
Material	Plastic
Chambers	Clear, so the movement of simulated blood is visible
Pumping action	Squeeze bulb pumps simulated blood through the heart chambers
Assembly	Easy to assemble, with complete instruction manual
Supplied with	Display stand, acrylic paints and brush, instruction manual

Typical Use

This model turns the heart lesson into a make-and-test activity. Students first assemble the heart following the instruction manual, then paint it with the acrylic paints and brush — teachers can ask them to use colour to separate the sides of the heart that carry oxygen-rich and oxygen-poor blood. Once it is on its display stand, squeezing the bulb sends simulated blood through the clear chambers, so the class can watch the direction of flow and discuss why the chambers and valves are arranged as they are.

It suits science fairs, holiday projects and classroom demonstrations alike, and heart model anatomy lessons in India's middle and secondary schools benefit from a model students have built themselves. Younger learners should assemble and paint it under teacher supervision, allow the paint to dry fully before pumping, and rinse and dry the chambers after use according to the manual.

Manufacturer

Behind the ScienceLab brand is Jain Scientific Equipments Private Limited, an Ambala, Haryana manufacturer whose range stretches from student project models like this pumping heart to full-size anatomy figures. Learn more on the company profile.

Related Human Models

These models take the circulation topic further once students have built the pumping heart: