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Product Name :

Amoeba Model

Product Code :

SLE/ECB/13



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Description :

Amoeba Model (Product Code: SLE/ECB/13) is a translucent, enlarged model of Amoeba usedto teach the structure, feeding and movement of a unicellular protozoan in school zoology and college biology. Its pseudopods are positioned to show the direction of travel, and food vacuoles holding diatoms and bacteria illustrate how the cell feeds. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM biology lab equipment manufacturer in India, at its own factory in Ambala, and fits naturally among animal models for a biology lab.

Specifications

Parameter	Detail
Construction	Translucent model
Structures shown	Nucleus, food vacuoles containing diatoms and bacteria, contractile vacuole, fat droplet, granular and clear zones of cytoplasm
Movement	Position of the pseudopods indicates the amoeba's movement
Dimensions	16-1/2 in wide x 10 in high x 8 in deep (42 x 25 x 20 cm)
Weight	2.2 kg
Product code	SLE/ECB/13
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Amoeba Model Used For?

Amoeba is the classic example of a cell that changes shape to move and feed, and the model makes that process easy to explain. Teachers can trace how the cytoplasm flows into the advancing pseudopods, distinguish the granular inner zone from the clear outer zone, and then point to food vacuoles that already contain diatoms and bacteria to illustrate engulfing prey by phagocytosis. The contractile vacuole leads into a discussion of osmoregulation in freshwater organisms, and the fat droplet gives an example of stored food reserves.

For practical classes, keep the model on the bench while students search pond or hay-infusion samples under the microscope, since live amoebae are slow, colourless and easy to miss. Many schools order it together with a Euglena model so students can compare pseudopod and flagellum movement, and at 2.2 kg it is light enough to carry between classrooms.

OEM Manufacturer

ScienceLab is the brand under which Jain Scientific Equipments Private Limited makes the Amoeba Model as its OEM (original equipment manufacturer), at the company's own licensed factory at Saha, Ambala, Haryana, India. Schools, colleges and overseas importers buy it factory-direct, and follow-up orders or questions about the model are answered by the maker itself — ask us. The company is a registered MSME with manufacturing as its major activity (Udyam UDYAM-HR-0 ued by th

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