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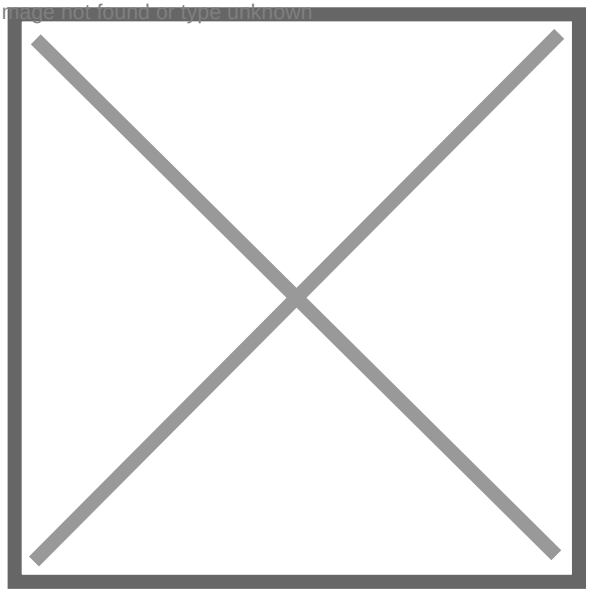
Product Name :

Cross Section of the Leaf

Product Code :

SCL219/0130

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Description :

Cross Section of the Leaf (Product Code: SCL219/0130) is a hand-painted 3D PVC model of a leaf in section, used to teach leaf anatomy, photosynthesis and gas exchange in botany classes. Measuring 300 x 400 mm, it shows every tissue layer from the cuticle to the vein with xylem and phloem. As plant anatomy model stock for schools and colleges, it is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Size	300 x 400 mm
Structures shown	Cuticle, upper and lower epidermis, palisade mesophyll, spongy mesophyll, stomata, guard cell, vein with xylem and phloem
Construction	3-dimensional PVC moulding in durable plastic
Finish	Hand painted with non-toxic dye
Product code	SCL219/0130
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Leaf Cross Section Model Used For?

A leaf is only a fraction of a millimetre thick, so its internal tissues are normally seen only on a microscope slide. This model enlarges that slice into a detailed three-dimensional block, letting teachers trace the path of light into the palisade cells, carbon dioxide through the stomata and water arriving in the xylem of the vein.

It suits the photosynthesis, transpiration and plant-tissue topics that most botany lab equipment is bought for. A good routine is to show the model first, then let students find the same layers under the microscope on a prepared leaf section; comparing the two helps them read real slides with confidence.

OEM Manufacturer

The Cross Section of the Leaf model is an OEM product of Jain Scientific Equipments Private Limited, which trades under the ScienceLab name. It is made at the company's own licensed factory at Saha, Ambala, Haryana, India, and supplied direct to schools, universities, dealers and importers. For institutional and tender buyers who need vendor registration details, the company's GSTIN is 06AAECJ8618A1ZT and its LEI is 3358004HRD1JIVXKYX49.

Buying at source keeps communication simple: questions about the model and repeat orders are dealt with by the manufacturer. Read the company profile for background.

Related Laboratory Equipment

Teac

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