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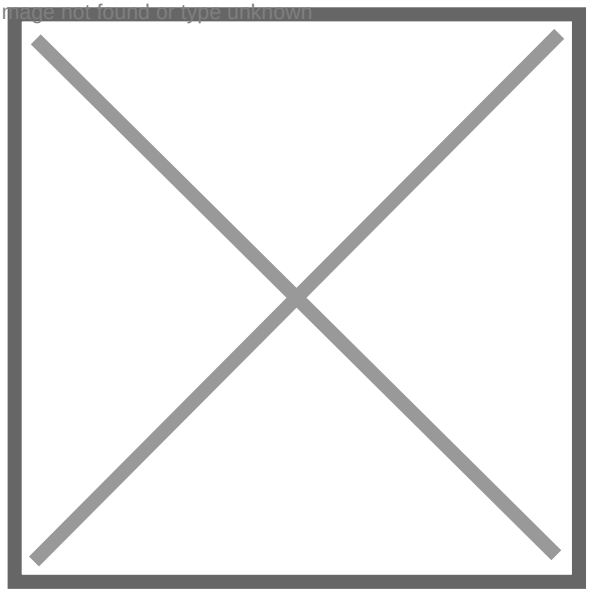
Product Name :

T.S Dicot Stem, Root, Leaf

Product Code :

SCL503/0224

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Description :

T.S Dicot Stem, Root, Leaf (Product Code: SCL503/0224) is a laminated botany wall chart used to teach the internal tissue structure of dicotyledonous plants in school and college laboratories. Made on a single 75 x 100 cm polyart sheet, it brings transverse sections of the stem, root and leaf together, a useful piece of botany lab equipment for comparing all three organs. The chart is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Chart
Content	Transverse sections (T.S.) of dicot stem, root and leaf
Material	Polyart
Finish	Laminated
Size	75 x 100 cm
Used in	Schools and laboratories
Product code	SCL503/0224
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the T.S Dicot Stem, Root, Leaf Chart Used For?

A first hand-cut section under the microscope usually looks like a crowd of cells, and students need to know what they are looking for. Teachers use this chart to walk the class through the features that identify a dicot: in the stem, vascular bundles arranged in a ring with cambium between xylem and phloem, a cortex outside and pith inside; in the root, a few xylem strands alternating with phloem and little or no pith; and in the leaf, a dorsiventral blade with palisade cells under the upper epidermis and loosely packed spongy cells below.

In the practical itself, students cut thin sections from fresh or preserved material, stain them with safranine, mount them in glycerine and check each mount against the chart and against prepared slides. Hanging it beside the matching monocot chart turns the wall into a ready comparison display for revision. Wipe the laminated surface with a soft, slightly damp cloth when it gets marked.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the OEM (original equipment manufacturer) of this chart. It is produced at the company's own licensed factory at Saha, Ambala, Haryana, India, and supplied factory-direct to schools, colleges, dealers and impor ny chart more