Email : sales@scilabexport.com
Phone: +91-7082934803

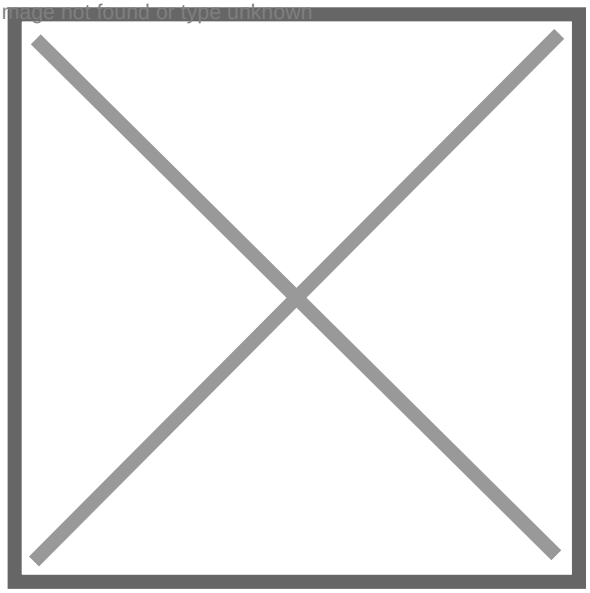
Product Name :

Stomata

Product Code :

SCL469/0148

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Description :

Stomata (Product Code: SCL469/0148) is a microscope slide used to study stomata, the tiny leaf-surface pores through which a plant exchanges carbon dioxide, oxygen and water vapour, in school and college biology labs. Each pore is bordered by a pair of guard cells, and students see this arrangement on clear borosilicate glass that is stored in a white plastic box. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as a staple of biology lab setup for schools.

Key Details

Parameter	Detail
Specimen	Stomata
Slide material	Borosilicate glass (clear)
Box material	Plastic
Box colour	White
Box shape	Rectangular
Application	Laboratory use
Product code	SCL469/0148
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Stomata Slide Used For?

Stomata link several syllabus topics at once: photosynthesis, respiration and transpiration. On the slide, students identify the guard cells, the pore between them and the surrounding epidermal cells, then draw and label the structure. Guard cells in most dicot leaves are bean- or kidney-shaped, while grasses have dumb-bell-shaped guard cells, a good discussion point when the class also prepares its own leaf peels.

The slide is also handy for introducing the stomatal index: students count stomata and ordinary epidermal cells in one field of view and work out the proportion. It fits naturally into plant biology lab equipment for transpiration experiments, where students connect what they see under the lens with the water loss they measure. Keep the slide in its box when not in use and clean it only with lens tissue.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, based in Ambala, Haryana, which supplies prepared slides and biology apparatus to institutions in India and international markets. For vendor registration, the supplying company is identified by CIN U29309HR2020PTC087597 and GSTIN 06AAECJ8618A1ZT. More about us is on the company profile page.

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