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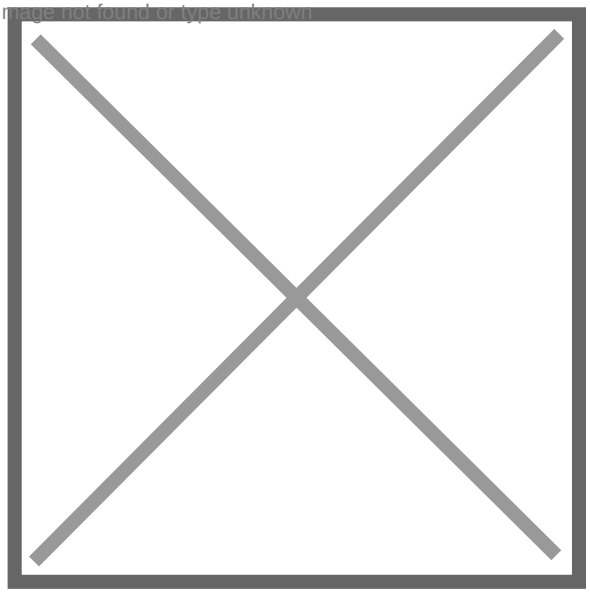
Product Name :

Ganong's Potometer

Product Code :

SCL2409/033

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Description :

Ganong's Potometer (Product Code: SCL2409/033) is a borosilicate glass apparatus of the Ganong type used to measure how quickly a leafy plant shoot takes up water, giving students a practical estimate of the rate of transpiration in plant physiology classes. It is fabricated from imported glass tubing for a durable structure, and it anchors any transpiration experiment kit in India's schools and colleges. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Key Details

Parameter	Detail
Type	Ganong's potometer, plant physiology apparatus
Material	Borosilicate glass, fabricated from imported glass tubing
Measures	Rate of water uptake by a leafy plant shoot, used to study water loss through transpiration
Product code	SCL2409/033
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Ganong's Potometer Used For?

A freshly cut leafy shoot is fitted into the apparatus so that the joint is airtight, and the apparatus is filled with water. A small air bubble is introduced into the capillary, and its movement over a measured distance in a set time shows how fast the shoot is drawing up water. Because almost all of the water taken up is lost from the leaves, the reading serves as a measure of the transpiration rate.

Cut the shoot under water to stop air entering the xylem, seal the joints with petroleum jelly and let the shoot settle before timing. Students can then compare rates in still and moving air, in light and shade, or at different temperatures, turning a textbook idea into measured data with a single piece of plant biology lab equipment.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the OEM (original equipment manufacturer) of this potometer: the apparatus is fabricated from imported glass tubing at the company's own licensed factory at Saha, Ambala, Haryana, India. Schools, colleges, dealers and importers therefore buy it straight from the people who make it, and questions about replacement glass parts or repeat sets are answered by the manufacturer directly. See the company profile.

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