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Phone: +91-7082934803

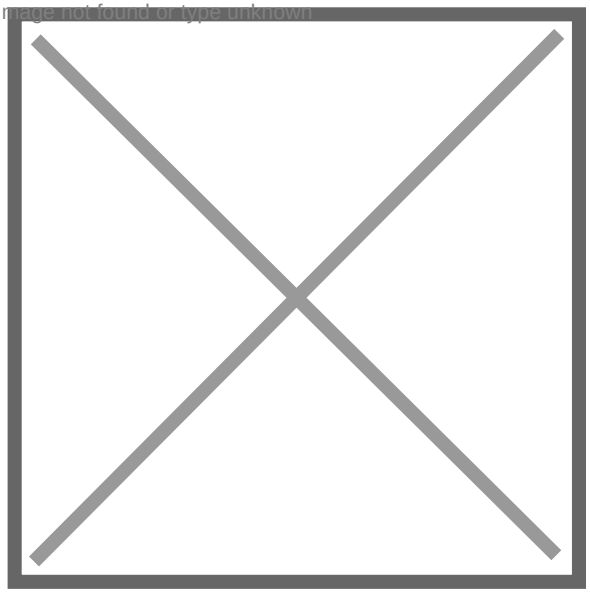
Product Name :

Potometer

Product Code :

SCL253/027

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Description :

Potometer (Product Code: SCL253/027) is a plant physiology apparatus used to measure how quickly a cut shoot absorbs water, and so to demonstrate transpiration rates, in school andcollege botany laboratories. It consists of a water bottle, a glass support that holds the plant anda graduated tube on which the movement of water is read under different external conditions.This potometer is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)** as theOEM at its own factory in Ambala, India.

Key Details

Parameter	Detail
Measures	Rate of water absorption by a cut shoot; transpiration rate
Components	Water bottle, glass support for plants, graduated tube for measurement
Test conditions	Various external conditions, set up by the user
Product code	SCL253/027
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Potometer Used For?

A freshly cut leafy shoot is fitted into the glass support while everything is held under water, so no air enters the stem. With the water bottle and graduated tube filled, a small air bubble is introduced into the tube, and students time how far it travels as the shoot draws water up. The distance per minute gives the rate of water uptake.

Because nearly all of that water is lost through the leaves, the reading is a practical stand-in for transpiration. Placing a fan nearby, moving the shoot under a lamp or enclosing it in a plastic bag shows how wind, light and humidity change the rate, which makes it a core transpiration experiment for India’s school syllabuses. Seal the joints well and let the shoot settle before starting each reading.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM (original equipment manufacturer) of this Potometer. It is made at the company’s own licensed factory at Saha, Ambala, Haryana, India, and supplied factory-direct to schools, colleges, institutions and dealers in India and international markets. If you later need a spare graduated tube or support, ask us — the request goes to the team that makes the apparatus.

Read more on the ScienceLab company profile.

Related Laboratory Equipment

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