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Product Name :

Kit for Photosynthesis Experiments

Product Code :

SCL233/017

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Description :

Kit for Photosynthesis Experiments (Product Code: SCL233/017) is a sensor-based kit used to study photosynthesis by following carbon dioxide and temperature inside a reaction cell in school and college biology laboratories. It suits teachers who want measured readings rather thanbubble counts, and it combines one photosynthesis cell with one CO2 sensor and a platinumtemperature sensor. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, India, as a photosynthesis experiment kit for Indian and international buyers.

Key Details

Parameter	Detail
Supplied as	1 kit
Reaction cell	1 cell for photosynthesis
Gas sensor	1 CO2 (carbon dioxide) sensor
Temperature sensor	Platinum temperature sensor
Product code	SCL233/017
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Photosynthesis Sensor Kit Used For?

Green plant material is placed in the photosynthesis cell and lit, and the CO2 sensor tracks how the carbon dioxide level changes as the plant takes the gas up. Switching the light off, moving the lamp or shading the cell lets students compare photosynthesis with respiration and see how light intensity changes the rate.

The platinum temperature sensor records the temperature in the cell at the same time, so the class can check that a lamp is not simply warming the sample. As a biology experiment kit for students in higher classes, it encourages graph plotting, fair-test planning and discussion of limiting factors. Let the cell settle before each run and keep the sensors clean and dry between sessions.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, supplies the Kit for Photosynthesis Experiments from Ambala, Haryana, India. We source the kit for schools, colleges, teacher-training institutes and dealers, and we can quote it together with related plant physiology items from our catalogue so a whole practical can be ordered in one enquiry.

Read about the company on the ScienceLab company profile.

Related Laboratory Equipment

Pair the sensor kit with these items to cover photosynthesis from several angles: