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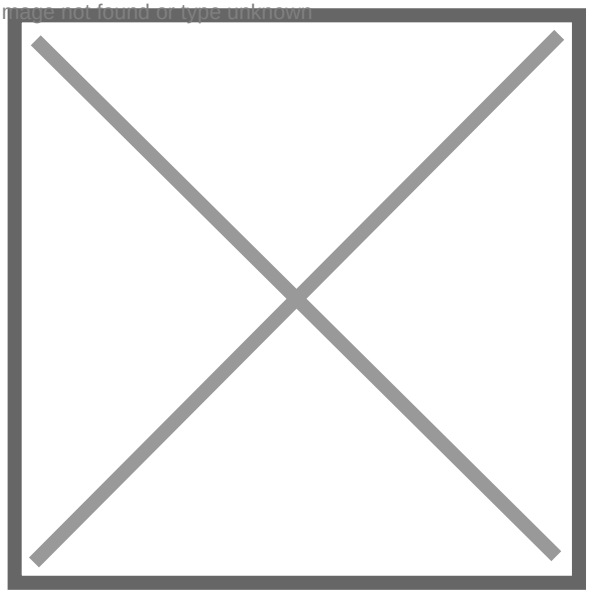
Product Name :

Kit for Demonstration of Processes in Kit for Breathing Experiments

Product Code :

SCL239/020

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Description :

Kit for Demonstration of Processes in Kit for Breathing Experiments (Product Code: SCL239/020) is a breathing demonstration kit used to simulate how the lungs work during inhalation and exhalation and to reveal carbon dioxide in exhaled air in school biology classes. Teachers use its lung model for the mechanics of breathing and its bottle of lime water for the carbon dioxide test. The kit is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM scientific instruments manufacturer in India, at its own factory in Ambala.

Key Details

Parameter	Detail
Demonstrates	Lung function during the two phases of breathing; presence of carbon dioxide in exhaled air
Contents	1 lung model, 1 vacuum pipette, 1 bottle of lime water, 1 three-legged stand
Shelf life (lime water)	Shelf life depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted.
Product code	SCL239/020
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Breathing Experiments Kit Used For?

The lesson usually runs in two parts. First, the lung model shows what happens in the chest: as the space around the lungs enlarges, air flows in, and as it shrinks again, air is pushed out. Students link the movement they see to the rise and fall of their own ribcage and diaphragm.

Second, the lime water test proves that breathed-out air carries more carbon dioxide than room air, because clear lime water turns milky when carbon dioxide passes through it. The vacuum pipette and three-legged stand from the kit help keep the set-up tidy on the bench. For a health education kit in schools, remind students to breathe out only and never draw lime water towards the mouth.

What to Specify When Ordering

- The number of complete kits (lung model, vacuum pipette, lime water bottle and three-legged stand) for your classes.
- Whether you want extra lime water for repeat lessons, which we also list separately.
- Your delivery location in India or abroad, so the lime water bottle can be packed suitably.

OEM Manufacturer

Jain Scientific Equipments Private Limited trades as ScienceLab and is the OEM (original equipment manufacturer) behind this breathing kit. The lung model and the complete kit are asser reach order