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

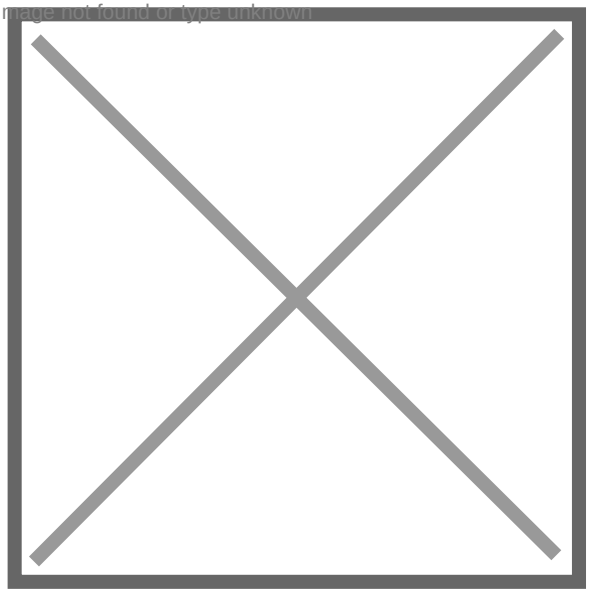
Product Name :

Balloons

Product Code :

SCL-565/032

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Description :

Balloons (Product Code: SCL-565/032) are latex rubber balloons of the standard kind used in school laboratories, a low-cost consumable for demonstrations that involve gases. Stretched over the mouth of a flask, a balloon catches the gas given off by a reaction and swells, so the whole class can see that a gas has formed; it also makes changes in gas volume on heating andcooling easy to follow. Science teachers keep a stock of them with the other items of a schoolscience kit. They are supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala,India.

Specifications

Parameter	Detail
Model No.	SCL-565/032
Material	Rubber
Composition	Latex
Grade	Standard for school laboratory use
Size, colours and pack quantity	Not stated; confirmed on enquiry

Typical Use

A favourite gas-production demonstration uses sodium bicarbonate and a weak acid. Place a spoonful of the powder inside a balloon, pour dilute acetic acid or vinegar into a conical flask, and stretch the balloon over the neck with the powder hanging to one side. Lifting the balloon tips the powder into the acid; carbon dioxide is released and the balloon inflates. Groups can compare how far their balloons swell with different amounts of reactant, which leads naturally into a discussion of how much gas a reaction produces.

For the gas laws, fit a balloon over an empty flask, warm the flask gently in a water bath and then cool it: the balloon rises as the air expands and falls back as it contracts, a simple qualitative lead-in before measured work with a Charles law apparatus. Stretch each balloon a few times before use so it inflates easily, and secure it with a rubber band if the fit is loose. Because the balloons are latex, check whether anyone in the class has a latex allergy, and store unused stock away from heat and sunlight, which make latex brittle.

Supplier

Jain Scientific Equipments Private Limited, operating as ScienceLab in Ambala, Haryana, supplies the consumables needed to run school practicals, balloons included, to customers in India and international markets. Company details are on the ScienceLab profile.

Related Chemistry Lab Equipment

For the gas-production and gas-law demonstrations described above, order these alongside the balloons:

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Website: https://scilabexport.com, **Email:** sales@scilabexport.com

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