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Product Name :

Magdeburg Hemisphere, Plastic

Product Code :

SLE/PHY/236



Description :

Magdeburg Hemisphere, Plastic (Product Code: SLE/PHY/236) is a plastic hemisphere model used to show the force of atmospheric pressure in school science and physics classes. At 120 mm in diameter it is a large, light model, and its wooden handles give students a firm grip when they try to pull the halves apart. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)** , an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Construction	Plastic model
Diameter	120 mm
Handles	Wooden
Demonstrates	The effect of atmospheric pressure
Air removal	Method not stated; ask us to confirm before ordering
Product code	SLE/PHY/236
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Plastic Magdeburg Hemisphere Used For?

This model turns an abstract idea into a tug-of-war. Once the air between the two halves is removed, two students each take a wooden handle and pull, and they find the hemispheres held together by the air pressing on them from outside. Letting air back in releases the halves at once, which shows clearly that it is the air, not any glue or catch, that was holding them.

Its 120 mm diameter gives a useful teaching point: the force from atmospheric pressure depends on the area it acts on, so a wider sphere is held more strongly than a smaller one. Plastic keeps the model light enough for younger pupils to handle. Keep the rims clean, avoid solvents and store it away from heat. It is a practical, lightweight option among physics lab equipment for schools in India.

What to Specify When Ordering

- The version: this 120 mm plastic model or the smaller brass set with stopcock.
- Whether you want us to confirm the air-removal method and quote a vacuum pump if needed.
- The number of models for classroom demonstrations or student groups.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, the OEM (original equipment manufacturer) that makes this plastic Magdeburg Hemisphere at its own licensed factor
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