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Product Name :

Peak Flow Meter

Product Code :

SLE/BL/047



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Description :

Peak Flow Meter (Product Code: SLE/BL/047) is a portable meter used to measure peak expiratory flow — how fast a person can blow air out of the lungs in one sharp breath — inschool, college and health-science teaching laboratories. Each unit is individually calibrated,reads on a 60–800 scale and has an integral one-way valve to reduce the risk of cross-infectionwhen a class shares it. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, as part of its range of biology lab equipment in India.

Specifications

Parameter	Detail
Type	Portable peak flow meter
Scale	60–800
Calibration	Individually calibrated for high inter- and intra-device accuracy
Construction	Medical-grade construction
Hygiene feature	Integral one-way valve to reduce the risk of cross-infection
Mouthpieces	Not listed as part of the meter — disposable mouthpieces available separately
Product code	SLE/BL/047
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Peak Flow Meter Used For?

For a class reading, the student stands up straight, returns the pointer to the bottom of the scale, takes the fullest breath possible, seals the lips around the mouthpiece and blows out as hard and fast as they can. Repeating this three times and recording the highest value gives a fair result. Students can then compare readings across the group, look for a link with height, or measure again after a short burst of activity.

Teachers often use the readings to open a discussion on why airways narrow in conditions such as asthma and how people monitor their own breathing, which makes the meter a practical addition to biology lab equipment for respiratory-system topics. Remind the class that school readings are for learning only and are not a medical check. Use a fresh mouthpiece for every student and store the meter safely between lessons so the scale and pointer stay undamaged.

What to Specify When Ordering

- Number of meters, for example one per practical group
- Packs of disposable mouthpieces, which are sold separately
- Whether you need the product datasheet with the scale units for worksheets
- Any calibration paperwork your institution requires, raised before quotation

Supplier

Jain S…a, India, …and health…

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