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Product Name :

Seismograph Model For Science Lab

Product Code :

SLE/ES/17



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Description :

The **Seismograph Model For Science Lab** (Product Code: SLE/ES/17) is a small table-top unit that shows students how earthquakes are measured and how their intensity is worked out. Students simulate their own earthquakes and the seismograph records the intensity of each tremor, so the class can compare results and try to top the Richter scale. The model brings an abstract topic within reach for geography, earth science and physics classes, and is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, a school science lab equipment manufacturer in Ambala.

Key Details

Parameter	Detail
Type	Table-top seismograph model
Purpose	Shows how earthquakes are measured and their intensity calculated
Operation	Students simulate earthquakes; the seismograph records their intensity
Scale referenced	Richter scale
Size	Small, table-top
Suitable for	Classroom demonstrations and group activities

Typical Use

A lesson usually begins with a question: how can anyone put a number on something as chaotic as an earthquake? The teacher then demonstrates a gentle simulated tremor and shows the trace the seismograph records, before letting groups create stronger and weaker "earthquakes" of their own. Comparing the recorded traces makes the connection between the size of the disturbance and the size of the recording visible, which leads naturally to how seismologists use such records to assign a magnitude. The friendly challenge of trying to top the Richter scale keeps students engaged.

Beyond geography and disaster-management lessons, the unit works as a demonstration model in the physics lab for vibrations and waves. Place it on a stable, level surface away from the edge of the bench, reset the recording between trials so each trace can be compared, and keep simulated shaking within what the model is designed for.

Manufacturer

The seismograph model is produced by Jain Scientific Equipments Private Limited, the Ambala, Haryana manufacturer behind the ScienceLab brand, which makes demonstration models and apparatus for school and college science departments. Our company profile has more about the organisation.

Related Earth Science Equipment

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