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Product Name :

Seismograph Model

Product Code :

SLE/GG/12



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Description :

Seismograph Model (Product Code: SLE/GG/12) is a newly revised, small table-top unit that shows students how earthquakes are measured and how their intensity is worked out. Pupils create their own simulated tremors, the seismograph records how strong each one is, and the class sees why scientists rate earthquakes on the Richter scale. Geography and earth science teachers use it to turn a textbook topic into a quick, memorable investigation. Like the other geography models in our range, it is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, and comes with a detailed Teacher's Guide.

Key Details

Parameter	Detail
Type	Small table-top seismograph model
Version	Newly revised design
Demonstrates	How earthquakes are measured and their intensity calculated
Student activity	Simulating earthquakes and recording their intensity
Teaching support	Detailed Teacher's Guide
Suitable for	Class demonstrations and group investigations in geography and earth science

Typical Use

Set the unit on a firm, level table and let students generate "earthquakes" of different strengths — a light tap, a firm knock, a longer shake. For each event the seismograph records the intensity, and the class compares the recordings to see how a stronger disturbance produces a larger response. The friendly challenge of trying to "top the Richter scale" keeps every group engaged while they learn what the scale actually measures.

The lesson can then widen into plate tectonics: why earthquakes cluster along plate boundaries, how seismic stations in different places record the same event, and why the Richter scale is logarithmic, so a small step up the scale means much stronger ground motion. Keep the model away from the table edge during vigorous shaking and let it settle fully before starting the next run.

Manufacturer

This model comes from Jain Scientific Equipments Private Limited, which trades as ScienceLab and designs and builds educational apparatus in Ambala, Haryana. Schools, colleges and distributors in India and international markets order from the same catalogue. Read the company profile for an overview of ScienceLab.

Related Geography Lab Equipment

These items help extend an earthquake lesson into the wider study of the Earth's crust: