Email : sales@scilabexport.com
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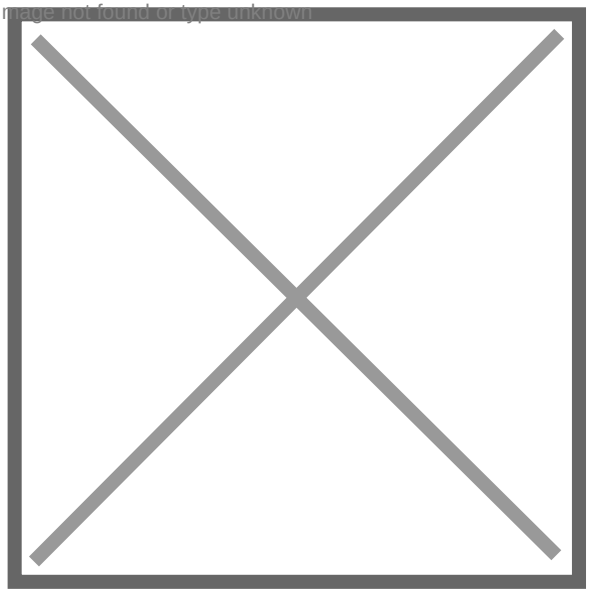
Product Name :

Set for Demonstration of Crystal Lattices

Product Code :

SCI-281/109

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Description :

Set for Demonstration of Crystal Lattices (Product Code: SCI-281/109) is a crystal structure model kit used to show how particles are arranged in solids when the solid state is taught in chemistry and physics. It includes a body-centred unit cell model, a hexagonal unit cell model and a sodium chloride (NaCl) model, all of which can be assembled and dismantled easily. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Key Details

Parameter	Detail
Models included	Body-centred unit cell model, hexagonal unit cell model and NaCl (sodium chloride) model
Assembly	Can be easily assembled and dismantled
Storage	Transparent plastic box
Documentation	Manual and pictures of the models
Product code	SCI-281/109
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Crystal Lattice Model Set Used For?

Unit cells and packing are hard to picture from textbook diagrams. With this set a teacher can hold up a body-centred cell and point to the particle at its centre, turn the hexagonal cell to show its layered arrangement, and use the NaCl model to show how sodium and chloride ions alternate throughout an ionic lattice. Students can then count neighbours and discuss coordination for themselves.

Follow the manual and model pictures to build each structure before the lesson, and invite students to dismantle and rebuild one model as a group exercise. Used this way, the kit works as a 3D science model kit for the solid-state chapter. Return all parts to the transparent box afterwards so nothing is lost.

OEM Manufacturer

Jain Scientific Equipments Private Limited trades as ScienceLab and is the OEM (original equipment manufacturer) of the Set for Demonstration of Crystal Lattices. The set is produced at the company's own licensed factory at Saha, Ambala, Haryana, India, and is sold factory-direct to schools, colleges, universities, dealers and importers. Questions about the models or repeat orders go to the manufacturer rather than a reseller. Company details are on the ScienceLab profile.

Related Laboratory Equipment

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