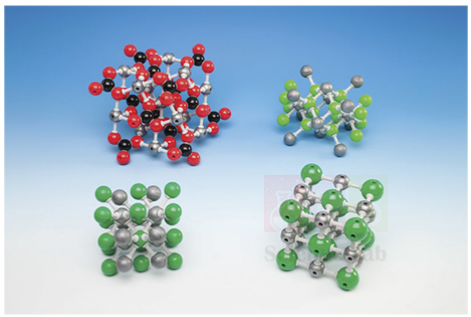
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Product Name :

Molecular Model, Pre-assembled, Calcite

Product Code :

SLE/Mo/40



Description :

Molecular Model, Pre-assembled, Calcite (Product Code: SLE/Mo/40) is a ready-built crystal structure model used to show how calcium ions and carbonate groups are arranged in calcite, for chemistry and earth-science teaching. Because it arrives pre-assembled with firmly held joining pieces, teachers can pass it round the class during a lesson without it coming apart. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India, as part of its school chemistry lab equipment range.

Specifications

Parameter	Detail
Structure modelled	Calcite (calcium carbonate, CaCO3)
Format	Pre-assembled model
Production	Precision-engineered moulds and materials
Joining pieces	Designed to hold the model firmly so it can be handled during lessons
Storage	Durable storage case with compartments for segregating parts
Product code	SLE/Mo/40
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Calcite Crystal Model Used For?

Calcite is the common crystalline form of calcium carbonate found in limestone, marble and chalk. The model shows calcium ions and flat carbonate groups repeating in a regular three-dimensional lattice, which helps students understand ionic bonding in a compound whose negative ion is itself a covalently bonded group.

Earth-science and geography classes can use it to connect the internal arrangement of ions with the way calcite crystals split along smooth cleavage faces, and with the familiar fizzing test for limestone in dilute acid. As the model is already built, lesson time goes on discussion rather than construction. Return it to its case after each class to protect the joints.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, the OEM that produces this pre-assembled calcite model at its own licensed factory at Saha, Ambala, Haryana, India. Buying factory-direct means institutions, dealers and importers deal with the maker itself for quotations, repeat orders and replacement parts. For vendor registration, the company's details are GSTIN 06AAECJ8618A1ZT and LEI 3358004HRD1JIVXKYX49. More background is on the ScienceLab company profile.

Related Molecular Models

Build

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