Email : sales@scilabexport.com
Phone: +91-7082934803

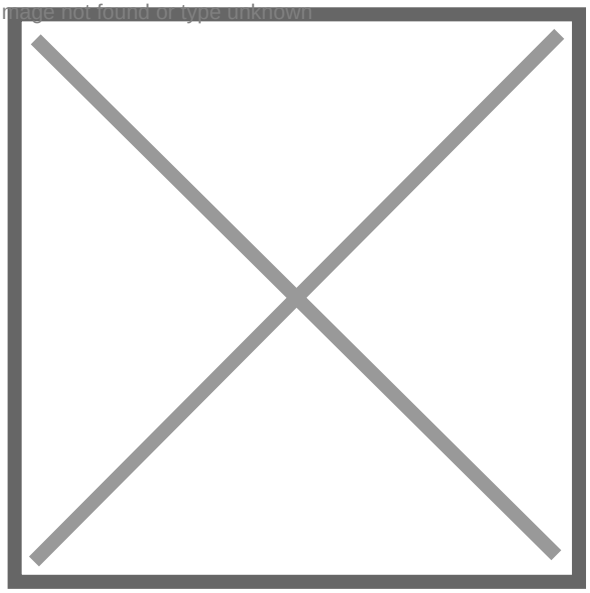
Product Name :

Atomic Orbital Model Px

Product Code :

SCI-285/111

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Description :

Atomic Orbital Model Px (Product Code: SCI-285/111) is a plastic teaching model used to show the dumbbell shape and x-axis orientation of the px orbital in chemistry lessons on atomic structure. Teachers and students assemble it from durable plastic parts and links, and the colour-coded pieces stand on a grey transparent display base. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer and laboratory instruments supplierin India, at its own factory in Ambala.

Key Details

Parameter	Detail
Orbital shown	px (p orbital along the x-axis)
Construction	Durable plastic parts and links for assembling the model
Identification	Colour-coded parts for easy identification
Display	Grey transparent base
Storage	Plastic box
Product code	SCI-285/111
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Px Orbital Model Used For?

The model is used when p orbitals are first introduced. It shows two lobes on opposite sides of the nucleus, lying along the x-axis, with a nodal plane through the nucleus where the chance of finding the electron falls to zero. Standing it next to the Py and Pz models lets students see the three p orbitals at right angles to one another.

Keep the model on its base at the front of the room while you sketch the same shape on the board, then pass it around so students can trace the axis themselves. As part of an atom model kit for chemistry classes, it gives a clear starting point for later lessons on bonding and hybridization.

What to Specify When Ordering

- Which p orbital models you need: Px is listed here, while Py and Pz are separate items.
- The number of models per classroom or per student group.
- Any hybridization models to be quoted for the same topic.

OEM Manufacturer

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, is the OEM (original equipment manufacturer) of the Atomic Orbital Model Px. The model is made at the company's own l
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