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

Product Name :

Atomic Orbital Model Set, 14 Models

Product Code :

SLE/Mo/44

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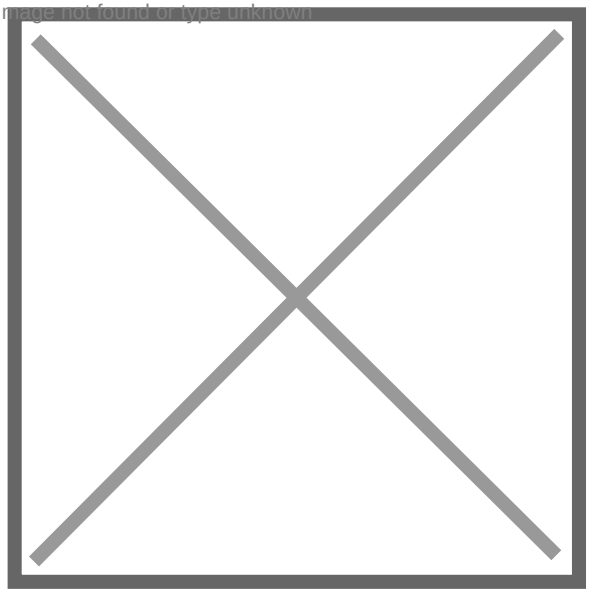

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Description :

Atomic Orbital Model Set, 14 Models (Product Code: SLE/Mo/44) is a set of 14 orbital models used to show the three-dimensional shapes of atomic orbitals and how they combine in chemical bonding, for school, college and university chemistry teaching. It gives teachers a concrete way to present shapes that students usually meet only as drawings, and it is kept in a durable case with compartments for its parts. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, alongside its atom model kit range and other school chemistry lab equipment in India.

Specifications

Parameter	Detail
Set contents	14 models (as named)
Topic	Atomic orbitals and bonding
Suitable for	Students at all levels
Production	Precision-engineered moulds and materials
Joining pieces	Designed so the models stay firmly constructed when passed around
Storage	Durable storage case with compartments for segregation of parts
Models	14 atomic-orbital models
Mounting	On bases
Product code	SLE/Mo/44
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Atomic Orbital Model Set Used For?

Atomic orbitals have distinctive shapes, from the simple sphere of an s orbital to the paired lobes of a p orbital and the more complex forms of d orbitals, and they are hard to picture from a flat diagram. A physical orbital set lets students hold each shape, see how orbitals are oriented in space and follow how they overlap to form sigma and pi bonds or combine into hybrid orbitals.

In class, introduce one orbital shape at a time, then use the models to explain molecular geometry and the difference between single and multiple bonds. Because the joining pieces hold firmly, the models can be passed round during the lesson. The exact list of the 14 models is not given here, so ask us for the contents to check that they match your syllabus.

Manufacturer

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, manufactures and supplies the Atomic Orbital Model Set to schools, colleges, universities, dealers and importers in India and international markets. The set can be included in one combined quotation with other chemistry models from our range. For vendor registration, the manufacturer is Jain Scientific Equip
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