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

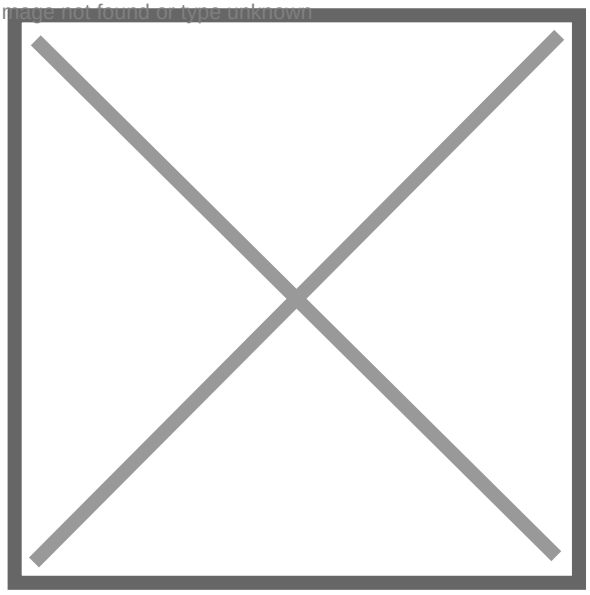
Product Name :

Distribution of Electrons in the Electron Shells

Product Code :

SCI-923/117

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Description :

Distribution of Electrons in the Electron Shells (Product Code: SCI-923/117) is a laminated wall chart used to teach how electrons are arranged in shells around the nucleus of an atom, in secondary-school and college chemistry and physics classes. At 70 cm x 100 cm it givesstudents a shared reference while they write electronic configurations and connect them to theperiodic table. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEMmanufacturer and laboratory instruments supplier in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Topic	Distribution of electrons in the electron shells
Format	Wall-mounted chart
Size	70 cm x 100 cm
Finish	Laminated
Setting	Classrooms and laboratories
Product code	SCI-923/117
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Electron Shells Chart Used For?

In the shell model, electrons occupy energy levels labelled K, L, M and N, working outwards from the nucleus. At school level the first shell holds up to two electrons and the next shells fill in turn, giving configurations such as 2, 8, 1 for sodium or 2, 8, 7 for chlorine. The electrons in the outermost shell, the valence electrons, decide how an element bonds and which group of the periodic table it belongs to.

Teachers use the chart when introducing atomic structure, when explaining why elements in the same group behave alike, and as a lead-in to ionic and covalent bonding, where atoms gain, lose or share outer electrons. Students can build the same arrangements with atom models and compare them with the configurations discussed in class. It sits naturally beside the periodic table in any school chemistry lab.

OEM Manufacturer

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, is the OEM that manufactures the Distribution of Electrons in the Electron Shells chart at its own licensed factory at Saha, Ambala, Haryana. Buying direct gives schools, colleges, dealers and importers one point of contact for quotations, repeat copies and questions about the artwork, instead of a chain of resellers. The chart is shipped factory-direct within India and to international markets. See the ScienceLab profile

Rela

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