

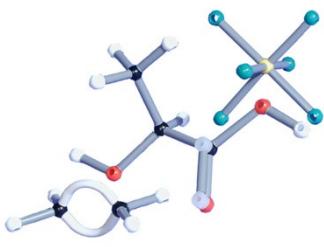
## Molecular Modelling Systems

DNA and Biochemistry, Organic and Inorganic Chemistry,  
Crystals, Lattices and Inorganic Materials

A large range of cost-effective molecular models for teaching and research - available pre-assembled or in kit form together with classroom and individual sets tailored to various subjects.

### Orbit™ Molecular Models

Easy-to-use, durable system with 1cm atom centres and new thicker bonds



Typical scale: 3cm per 100pm

Easy-to-use, durable and great value for schools, students and researchers. The Orbit building system allows you to build accurate three dimensional representations of all commonly modelled compounds.

The Orbit building system uses 1cm atoms, colour coded according for 12 different elements, with prongs set at the correct bonding angles. Durable plastic tubes, pre-cut to suitable lengths and coloured to represent different types of bonding, join the atoms together.

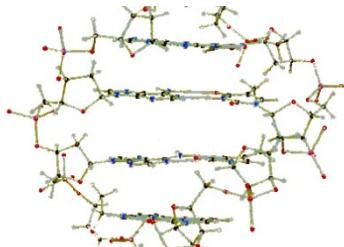
Available as individual and class sets with a full range of extra atoms, bonds and accessories to enable the building of custom models.

#### Available as:

- Individual (student/teacher) sets
- Class sets
- Large (research) sets
- Individual model kits
- Custom model sets
- Individual atoms/bonds and accessories

### Minit™ Molecular Models

Skeletal system with 6mm atom centres to show detailed structures



Typical scale: 2cm per 100pm

This high-quality and sturdy system is perfect for illustrating detailed structures. The smaller scale and handy pocket-sized student sets make this highly suitable for individual use and study.

The Minit building system uses 6mm color coded atom centres with prongs at the correct bonding angles and durable pre-cut plastic tubes for bonds. Extra atom and bond packs enable the building of custom or larger models.

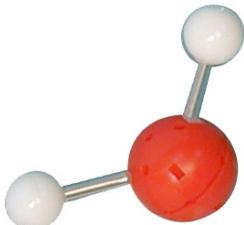
When studying lattice structures the small scale enables students to appreciate models of up to 100 unit cells at a reasonable cost.

#### Available as:

- Student sets
- Group sets
- Individual model kits
- Custom model sets
- Individual atoms/bonds

### Unit™ Molecular Models

Large-scale system for front-of-class demonstrations



Typical scale: 8.5cm per 100pm

The Unit molecular building system features large (44mm diameter) spheres in seven colours to represent different atoms plus a 25mm diameter white sphere to represent a hydrogen atom. Sturdy pegs allow you to make any bond angle which can then be joined with either rigid aluminium or flexible vinyl bonds.

These larger scale models are perfect for lectures and classroom demonstrations.

#### Available as:

- Large Demonstration Set
- Individual atoms, bonds and electron orbitals for custom models

Order online at: [www.cochrane.co.uk](http://www.cochrane.co.uk)

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