Chemistry – Molecular Models

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1. Molymod Molyorbital 8 Model Collection Set

This set contains sufficient parts to make the eight atomic models shown in the photograph. The different shapes are examples of the orientations of the bonds and cover coordination numbers 1 to 6. Lone pairs are represented by brown spheres or brown pear shaped parts.

The 2 extra pear shaped parts are included in the set to enable protonated models to be made. e.g. acid/base theory, the formation of $\rm H_3O^*$ as a result of the migration of H* from hydrogen chloride.

Models included:

- Coordination 1. Hydrogen chloride HCl linear
- Coordination 2. Beryllium chloride BeCl₂ linear
- Coordination 3. Water H₂0 bent
- Coordination 4. Boron trihydride BH₃ trigonal planar
- Coordination 5. Ammonia NH₃ pyramidal
- Coordination 6. Methane CH4 tetrahedral
- Coordination 7. Phosphorus pentachloride PCl_s trigonal bipyramidal
- Coordination 8. Sulphur hexafluoride SF₄ octahedral

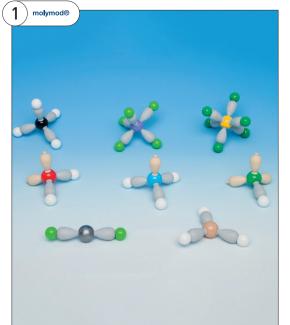
Code	Pack	Price
M0S9028	Each	£14.25

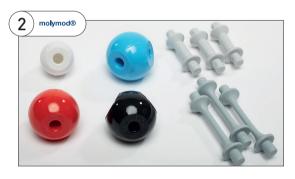
2. Molymod Spares

 $\ensuremath{\mathsf{Spare}}$ Molymod parts. Please note the full range of spares are available.

Please contact us if you require any other parts.

Code	Description	Pack	Price
MA11010	Hydrogen 1 hole white	10	£2.37
MA405	Silicon grey	10	£4.24
MA101	Halogen chlorine green	10	£3.00
MA20010	Oxygen 2 hole red	10	£3.44
MA301	Phosphorous purple	10	£4.24
MA30010	Nitrogen 3 hole blue	10	£4.05
MA122	Nitrogen blue 1 hole	10	£3.48
MA401	Nitrogen blue 109 tetrahedral 4 hole	10	£4.24
MA40010	Carbon 4 hole black	10	£4.05
MA310	Carbon Sp2 black 120 trigonal	10	£4.24
TBA244	Short white link compact bonds	25	£2.23
ML1225	Medium grey single bond links	25	£2.25
ML1325	Long grey flexible multibond links	25	£2.25
ML11	Medium purple link	25	£2.42





Julie Els is our rep and she is always very pleasant polite and helpful. Julie makes our experiences with SLS run without problems.

- Jane, Senior Science Technician, Thorp Academy

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