

Ordering Model Construction Sets

Set No	Series	Cost (PhP)
NS-01	Inorganic Chemistry	800
OS-01	Organic Chemistry	750

The parts used for the model sets can be ordered separately. For example, as custom sets with user-specified parts, or as additional parts to augment a set. The available parts are listed on the second page of this guide. Note that for parts ordered separately, the cost per piece is higher compared to sets.

Ordering Custom-Made Models

Custom-made models require labor-intensive processing that **cannot be rushed**.

For details on preparing custom model specifications, consult the KitaMo Custom Model Design Guide, Email your model specifications to: inquiry@kitamomolecularmodels.com.

After your specifications are evaluated, you will receive a cost estimate.

The cost is very dependent on the size, desired accuracy and the symmetry elements of the model. The type of links (bonds) also affects the cost (i.e., two-color links are more expensive than bare metal links).

Your approval and a deposit are required before work begins on your model. The deposit amount is at least 35% of the estimate. Full payment is due before your model is delivered.

The following example should give you an idea of the cost of a typical custom model:

Assuming a scale of 1 centimeter per Angstrom;

Using 10 mm diameter beads (atoms) and bare metal links (bonds).

Count the number of atoms and bonds in your model.

Make these cost assumptions (in Philippine Pesos, PhP): PhP 5 per atom and PhP 15 per bond.

The above cost estimate is conservative.

(i.e., if the specified materials are used, expect the actual cost to be lower than the estimate)

Delivery

For orders within the Philippine National Capital Region, you can arrange for pick at or near Mandaluyong City. Our workshop is located near the MRT-Boni/EDSA Station. We have no retail outlet. For orders requiring shipping, please designate a courier. Shipping and handling costs will be added to your order.

The actual shipping cost is determined by the courier.

This will depend on your shipping address and on the weight, dimensions and value of the packaged goods.

For example the shipping cost for one (1) model set (NS-01 or OS-01) to Luzon, Philippines is as follows:

Via LBC: PhP 165 (delivered the next day after shipping).

Via JRS Express: PhP 110 (delivered within two days after shipping).

Custom-made models are assessed a packing fee since they require careful packaging to prevent damage during transit. To minimize the risk of damage and to facilitate packaging, you can choose to have your model delivered in a partially-assembled state (i.e., some user assembly required).

Payment

Full payment is due when you pick up your order.

For shipped orders, you will receive an invoice with payment instructions.

Payment confirmation is required before shipping.

There are two payment options:

(1) via bank deposit (Bank of the Philippine Islands, BPI; Not BPI Family Bank)

(2) via remittance service (e.g., LBC, Cebuana-Lhuillier, Palawan Express). Expect to pay a service fee for this option.

Parts for Model Construction Sets

Atoms are represented by colored polyurethane beads with at least one hole. The holes are designed for 2.0 mm diameter links with an insertion depth of 4.0 mm. Each hole has a PVC insert which holds the link in place and allows for bond rotation.

Shape	Number of holes	Diameter (mm)	Available Colors	Cost (PhP)
Octahedral	6	16	Brown, Gray	12.00
Trigonal Bipyramidal	5	16	Brown, Dark Gray	12.00
Tetrahedral	4	16	Black, Brown, Red, Yellow, Blue, Violet	10.00
Bent	2	16	Red	8.00
Monovalent	1	12	Orange, Green, Purple, White	6.00

Bonds are made using straight and bent nylon links. The link material is 2.0 mm diameter nylon fishing line. Custom links using nylon or other materials can also be made to user specifications.

Nylon Links	Usage	Cost (PhP)
14 mm Straight	Single Bond	0.25
19 mm Straight	Single Bond	0.25
27 mm Bent	Double/Triple Bond	0.50

Discounts apply depending on the number of pieces ordered.

For inquiries, Please send an email to: Inquiry@kitamomolecularmodels.com