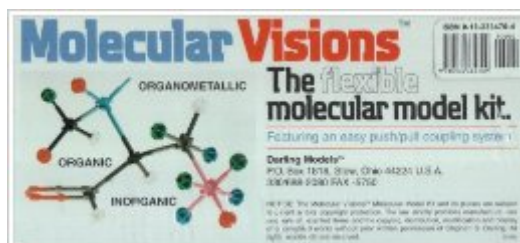


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# Organic & Inorganic Molecular Model Kit



## Synopsis

This Kit contains a printed book and a set of models and a box to hold them all shrink wrapped together. The Darling Models contain various pieces used to build atoms, bonds and molecules. These models bring visual representation and hands on learning to the microscopic world of molecules.

## Book Information

Pamphlet

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Product Dimensions: 5.1 x 2.3 x 9.5 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars See all reviews (5 customer reviews)

Best Sellers Rank: #407,977 in Books (See Top 100 in Books) #16 in Books > Science & Math > Chemistry > Crystallography #84 in Books > Science & Math > Chemistry > Inorganic #93 in Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry

## Customer Reviews

I'm a grad student and TA for organic chemistry. These are fairly large models, so they are better for teaching than for personal use. They're a little awkward for use during an exam. The plastic is very low quality. 5, 4, and 3 membered rings are impossible to make if you don't want to break your models. Frequent use leads to the connections getting bent so that bond angles aren't as accurate. The carrying case is ok, but you have to stack them just so so you can close the box. Get some giant rubber bands to keep it closed in your backpack. They're cheap, and it shows. They'll get you through the class if you're not a chem major, but if you plan on doing organic chemistry in graduate school or as a career, invest in a more durable set. There are more expensive sets that are smaller and the plastic is very durable and won't warp or bend from use. Smaller models are much more convenient when modeling large molecules like natural products.

The product is okay, but if your looking at needing a long term chemistry kit I would definetly think of going with a molymod kit. At our college a lot of students went through them but I wanted to pay a little less so I decided to buy this kit. The molecular pieces are un-even so it looks a little weirder

than normal. I would suggest considering paying more for a better product.

The kit pieces are placed in such an unorganized way and are so jam packed that it is difficult to close the box. The pieces are difficult to put together and the instructions are overly complicated. It's worth it to buy a simpler kit for about this price or go with a more expensive, nicer kit. I am currently taking organic chemistry and don't use this kit at all. I plan on buying another one.

good copy. quick service. i think it is a good book.it was pakaged good too. over all i am happy.

Conclusion (some specifics below):If you are a perfectionist and care to be as accurate as you can be and therefore are willing to spend a little more time and effort this is the kit for you. It's the best kit I have used and while I was slow in the beginning I've gotten fast enough at building with it that I can beat my classmates that has the stick and ball models.If you are slow in building models and do not care to spend the extra time than don't get this! I have seen my classmates complain about not being able to use it because they didn't read the instruction or they use sp<sup>2</sup> instead of sp<sup>3</sup> and complain about the model not looking right. It drives me crazy so if you don't want to spend the effort don't get this one!The modeling:I love having the hybridization built in which is very helpful when visualizing structures and figuring out what's actually possible and what's not. However, this does increase construction time at first as you need to figure out which pieces you need and the joints are very tough (hard to snap together).The pieces:The joints are well made and they are a good size so everything fits well. My one issue with the pieces which I believe has been said before is that there isn't enough pieces. Not that there isn't a lot in the box but because all the pieces are very specific you end up running out of special pieces on even medium molecules. For example: the oxygen double bond - there are only two so if you have more than two carbonyls you'll have to improvise (e.g. I use the gray carbon double bond with a red sp<sup>3</sup> for the electron lone pairs, not accurate but works).The carrying case:It's the minimum size needed for all the pieces and has a compartment for everything which is good for saving space but it mean extra effort when cleaning up as everything has to go back to more or less exactly where it's supposed to be or the box won't close.

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