Chem-X Modules and Features:

	ChemCore	ChemModel	ChemGuide	ChemMovie	ChemQM	ChemInorganic	ChemProtein	ChemPolymer	ChemStat	ChemDBS-1	ChemDBS-3D
ACTION menus			●								
2D drawing	●										
Fragment libraries	●					●	●	●			
Crystal symmetry		●									
Real-time rotation				●							
Dynamic stereo				●							
Molecular mechanics	●										
Molecular dynamics	●										
Conformation analysis		●							○	○	
Rigid fitting		●									
Flexible fitting		●									
VdW maps		●									
Potential maps		●									
MO orbitals					●						
Dot surfaces		●									
Peptide building							●				
Homology building							●			○	○
Motif database							●			○	○
Organometallics						●					
Diffraction patterns						●					
Polymer building								●			
Polymer properties								●			
Statistical analysis									●	●	
3D searching									○	●	●

● Required ○ Optional

The Chem-X Difference:

Chem-X, developed by Chemical Design, is the superior desktop molecular modelling solution which you will never outgrow. It is the only system to provide the PC and Macintosh user with the full range of modelling tools usually only available on more expensive UNIX workstations.

Chemical Design is committed to the development of new modelling techniques and provides regular updates to the software, telephone support and consultancy services. Full documentation includes Reference Manual and User Guide with worked examples.

Chem-X is currently installed at over 350 sites worldwide and is used for new product research in areas as diverse as pharmaceuticals, agrochemicals, petrochemicals, polymers and protein engineering. Customers include divisions of most major multinational chemical and pharmaceutical companies as well as many leading academic research centres.

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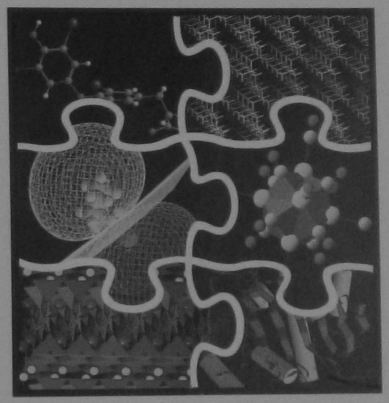
Chem-X



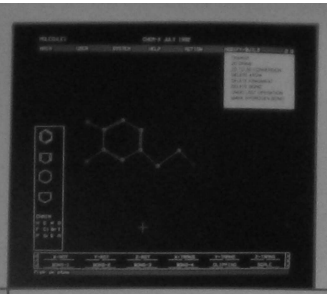
Power on the Desktop

from Chemical Design

Chem-X Power

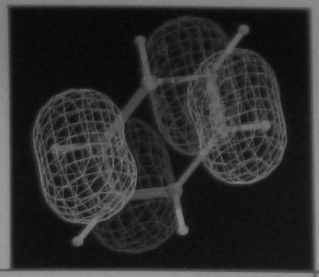
Chem-X provides you with sufficient easy-to-use tools to make real discoveries. So, why be content with less?

Wouldn't you like to build molecules in 2D or 3D simply by selecting building blocks from a panel and drawing chains?

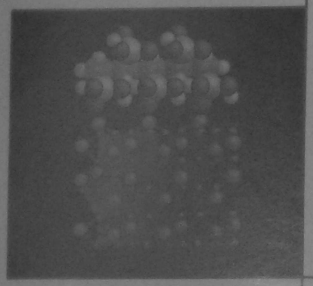


Chem-X Can!

Can you use quantum chemistry and see the orbitals?

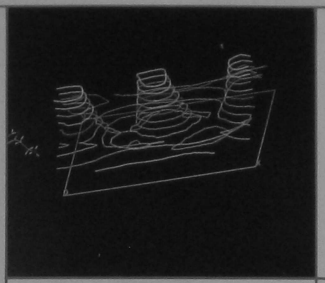


Chem-X Can!



Chem-X Can!

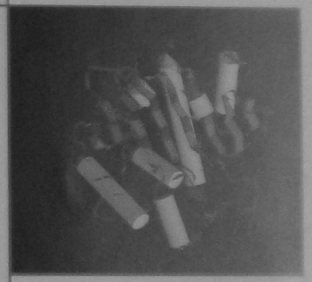
What other desktop system can let you rotate over 1000 atoms in real time?



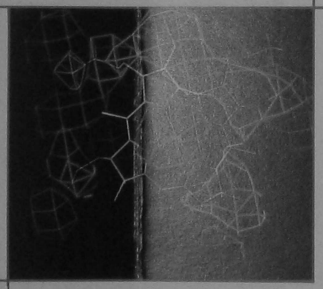
Chem-X Can!

How do you find and compare low energy conformations of your molecules?

Are you able to model your protein using homology building and a Motif database ...



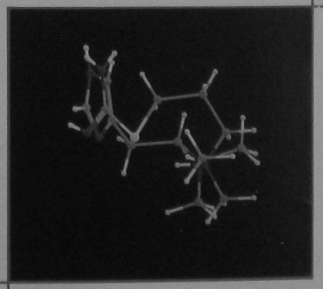
Chem-X Can!



Chem-X Can!

Do you want to examine the spatial properties of a single molecule ...

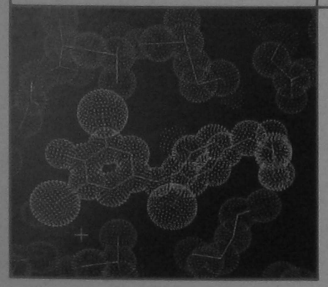
... and what about inorganic complexes - do you need a better model for coordination geometries?



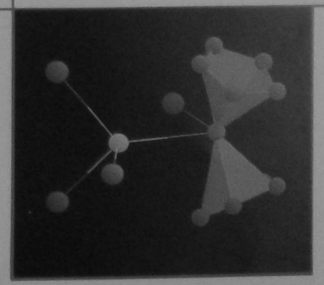
Chem-X Can!

...or compare several structures by fitting them together?

Could you use dot surfaces to help dock a drug into a receptor?



Chem-X Can!



Chem-X Can!