

COSMOS Products

Includes COSMOS Viewer 3.0, COSMOS 5.0 STD and COSMOS 5.0 PRO

FEATURE MATRIX

COSMOS Viewer 3.0 COSMOS 5.0 STD COSMOS 5.0 PRO

Graphics

Wireframe	✓	✓	✓
Ball and Stick	✓	✓	✓
CPK Models	✓	✓	✓
Vector Graphics	✓	✓	✓
<i>New!</i> PovRay Export	✓	✓	✓
Free Defined Bitmap Resolution Export	✓	✓	✓
Mixed Graphic Styles	✓	✓	✓

Modelling

Sketch Functions		✓	✓
Drag and Drop Molecular Builder		✓	✓
Symmetry Functions		✓	✓
Hydrogens Builder		✓	✓
<i>New!</i> Peptid Builder		✓	✓
Force Field Optimizations		✓	✓

Molecular Dynamics			✓
Edit Inner Coordinates		✓	✓
Docking Functions		✓	✓

Calculations

Bond Polarization derived Charges			✓
NMR Shifts			✓
Chemical Shift Tensors			✓
NMR Spectra			✓
<i>New!</i> NMR Structure Fit			✓
<i>New!</i> Inertia Moments			✓
<i>New!</i> Distance Constrains			✓

Other

Integration of all space groups for symmetry operations		✓	✓
Import of PDB, Hyperchem, Sybyl, GAUSSIAN SHELX, IGLO, INSIGHT, TURBOMOL, xyz, GROMOS, COSMOS coordinate files	✓	✓	✓

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