

# 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

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### Graphics

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

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### Modelling

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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	✓	✓

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## Calculations

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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		✓

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## Other

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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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