



FINECone™

Acoustic Finite Element Dome/Cone Simulation
 “Acoustic Optimization before Tooling”

Features:

- Acoustic Design of Woofers, Tweeters, Headphone drivers, Micro Speakers etc.
- True Acoustic Finite Element Analysis (A)FEA
- Automatic meshing, Degrees Of Freedom, Constraints + component connections
- Extremely fast calculations, < 10 seconds for full model
- Detailed 3D-Animation of Break-up modes at any frequency
- Select/Deselect SPL from each main component. Show for example Dust cap only
- >10 On- and Off-axis Responses and Directivity Analysis
- Library of many DXF and FINECone models
- Import of text files both with & without phase
- Comprehensive Material Database incl. dr. Kurt Müller materials
- Simulation and finding of Unknown Cone Material Parameters
- Import of measured SPL responses and Impedance for comparison
- Several typical simulated examples
- Export of FINE Simulation files and text files with amplitude + phase.
- Files can import into VACS and other standard software
- Improved modelling power of difficult configurations
- DXF Error Tracking
- Export of Responses with phase
- Automatic Air load Calculation
- Import of TS Parameters from FINEMotor
- Improved whizzer cone calculation
- For Windows XP / 7 / 8 +64bit
- UNDO in 10 levels
- Chinese User Interface in Chinese Windows

