

How Imagine3D removes the guesswork from your ultrasonic inspections



Question # 9

Q: What can I do with Imagine3D Simulation Software that I can't do on paper?

A: Anything you have ever done on paper and much more, you can do faster with Imagine3D. Quickly import parts from DXF or SAT drawings. Set transducer characteristics with a click of the mouse. Rotate the inspection in three dimensions to visually confirm an inspection theory without manually calculating any angles. Animate the process to watch the sound path within a part. Share these 3D simulations with clients or colleagues to explain your results using our free I3DViewer.



Question # 1

Q: How can simulations help me diagnosis difficult problems?

A: Because Imagine3D simulations handle any number of longitudinal and shear mode conversions, they can accurately identify where unexplained echoes are originating. Using simulation to quickly identify the source of such echoes, you can remove any unknowns in an inspection. Difficult problems simply don't exist when all the elements can be identified and explained using Imagine3D.

To see the other questions in this series, please visit www.utex.com or call us at: Tel (905) 828-1313 Fax (905) 828-0360 E-mail sales@utex.com