

How Imagine3D helps you design fixturing and choose transducers



Question # 2

Q: How can I avoid costly mistakes when buying transducers?

A: Using simulation, Imagine3D accurately models the frequency, diameter, focal length and wedge of any transducer. Since the sound field is presented using raytracing or beam profiling, you can see exactly where the sound is going in a part. Imagine3D even shows you the A-scans that you should expect. Imagine3D can help you determine what transducer can *really* do the job, removing the costs of any real-world experimentation.



Question # 8

Q: Can Imagine3D provide me with probe angles and spacing?

A: Yes. Simply move your transducers to their optimum positions for your inspection and then read the results in a convenient text table. Imagine3D tells you the sound-path distances, the angles at each interface and spacing between probes. You can even design your own custom wedges and demonstrate how well they work.

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