ES BeamTool 8

FAST, EASY, OPEN TECHNIQUE DEVELOPMENT FOR NDT

ECLIPSE SCIENTIFIC

UT Probe

-42.00mm
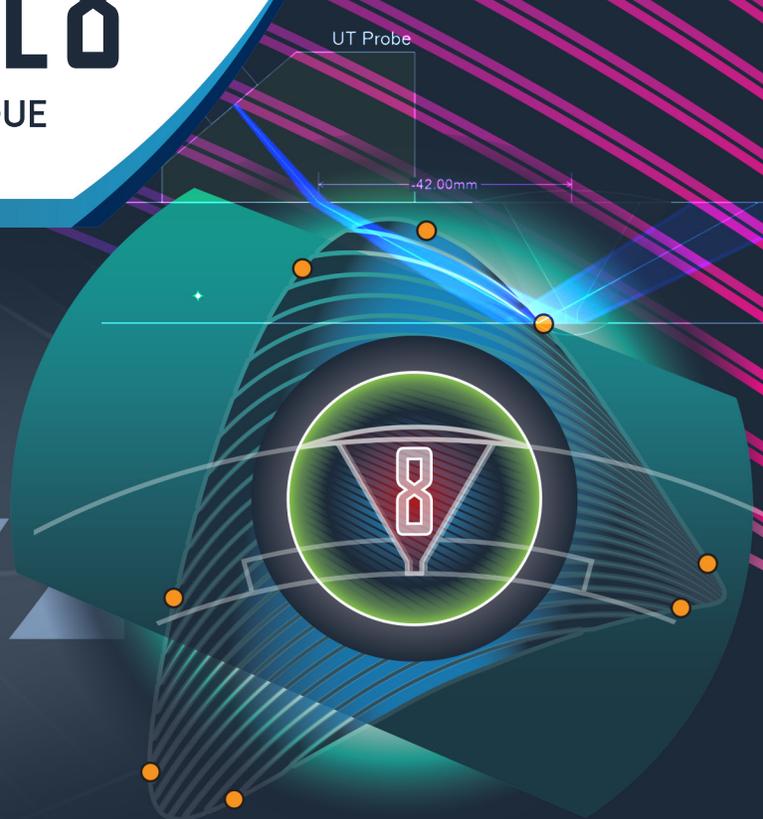
BeamTool 8

Our innovation is fueled by customer feedback. By meeting customer needs and exceeding expectations, BeamTool has become the world's most popular application for designing ultrasonic inspection plans. Successful inspections start with a plan and BeamTool makes it easy to model, validate and document your Phased Array, TOFD and Conventional Ultrasonic inspection plans with confidence.

DESIGN **VALIDATE** **INSPECT**

NEW FEATURES

- DLA & DMA Probes with Focal Law Export
- Beam Highlighting and Focal Law Delay Visualization
- Asymmetrical Welds
- Clad Material Support
- Transverse Probes
- Improved CAD Tools
- Sound Mode Colorization
- Compound S-Scan
- Dissimilar Weld Material

- 3D Sound Paths Ray-tracer
- Inset Backing Bar
- Custom Velocity Modes with Path Cropping
- Double J Welds
- Transverse Angle Measurements
- Additional High Temp Wedges

Full list available at www.eclipsescientific.com/beamtool

STANDARD FEATURES

- Export Focal Laws
- T Piece Configuration
- Sound Field Visualization
- Focal Delay Visualization
- Indication Drawing Set
- Interactive Scale
- Sound Pressure Visualization
- Wavelet Visualization
- 3D Rendering of Circumferential Piece
- Add Indication from Geometry
- Beam Crop Modes

- Beam Spread Visualization
- Conventional UT
- Probe Center Separation
- Multi-Discipline Technique Development
- 3D Workspace View
- CAD Functionality
- Piece Configuration
- Weld Configuration
- Bitmap Backdrops
- Defect/Indication Plotting
- Configurable Reporting
- Zonal Discrimination
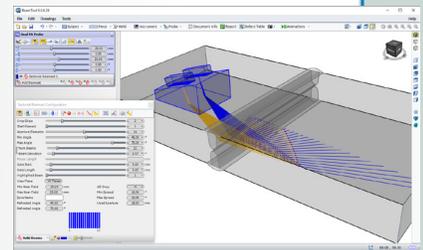
ADD-ONS

ZONAL
- Weld Zones
- Zonal Beamset
- Weld Regions
- Beam Solver

ZONAL CalBlock
- Weld Bevel Zones
- Calibration Block
- Targets
- Reports

Simulation
- A Scan
- Sound Field Animation
- Initial Pulse
- Materials Attenuation

High Temp
- High Temperature
- Beam Deflection
- Temperature Gradient
- Corrected Sound Path

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