



PAUT ADR

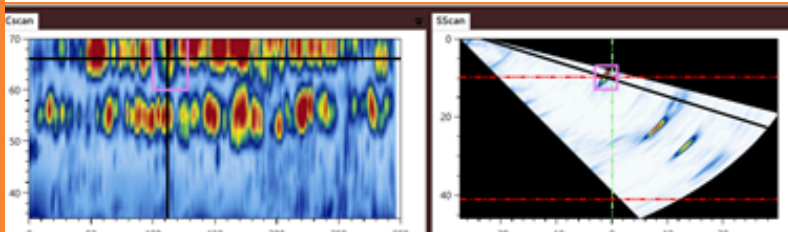
**Turning Ultrasonic Complexity into
Visual Clarity.**

From Hours to Minutes: PAUT ADR transforms complex data into clear visual insights using assisted PAUT automation analysis.

www.dhvaniAI.com

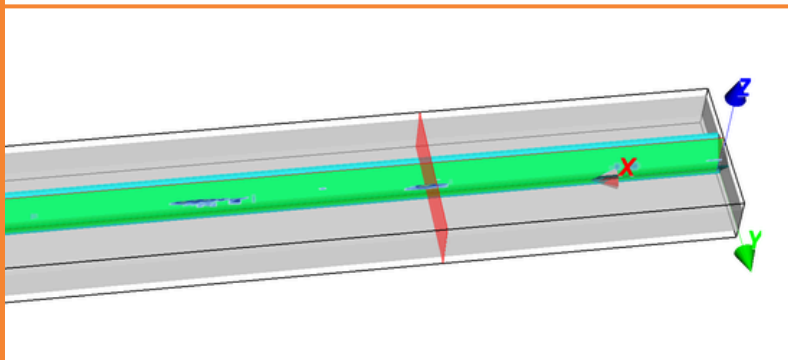
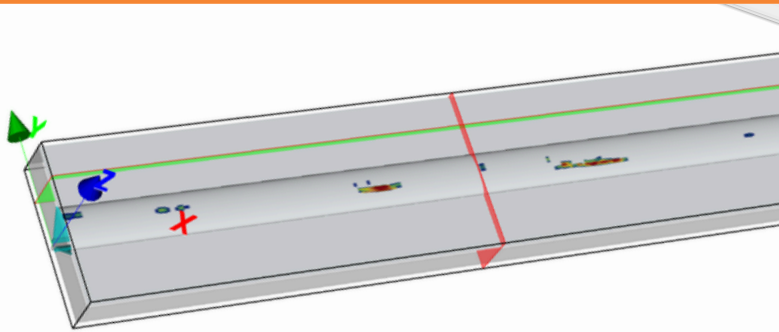
PAUT ADR Software

See What Others Miss - In Minutes, Not Hours



FlawAnalysis

Sl.No	Flaw Type	Flaw Length (mm)	Distance From 0	PFCL	CS (mm)	CD (mm)
1	Cap	8	2	3.47	2.97	2
2	Defect	18	37	1.22	37.1	5
3	Defect	26	112	-1.13	112.68	9
4	Cap	3	152	1.56	152.48	1
5	Defect	38	192	-2.22	192.39	9
6	Porosity	4	259	0.42	259.54	5



Input PAUT Data
.OPD, .NDE,
.BIN



Analyze
Images processed
by PAUT ADR



ADR Analysis
Output shown
based on standards

- **Multi-format compatibility:** Supports .OPD, .NDE (Olympus) and .BIN (EddyFi)
- **Comprehensive Weld configuration support:** V-Weld, Double V-Welds, J-Welds.
- **Advanced volumetric visualization:** 2D and 3D rendering of complex ultrasonic data.
- **Screening tool:** Auto-Identifies weld defects, geometry boundaries, signal anomalies.
- **Ultra-fast processing speed:** Analyzes PAUT files with 1500mm scan length in 2-3 minutes
- **Customizable:** PAUT ADR tailored to specific weld configurations, acquisition parameters, and standards.
- **90% POD** of anomalies in blind test

Determine position, flaw length of defects with ADR assistance

Advanced visuals combined with ADR tools enhances integrity assessment of PAUT data.

- Precise Defect Imaging
- Faster and Consistent Analysis
- Quantitative Evaluation
- Improved Traceability