



TIME OF FLIGHT DIFFRACTION (TOFD)



VERSATILE, QUALITY EXAMINATION

Time of Flight Diffraction (TOFD) is a sensitive and accurate method for inspecting welds for defects. TOFD uses two probes in tandem with a pitch-catch technique. TOFD can detect transverse type defects, as well as accurately size for both the length and height of flaws.



MINIMIZE
DOWNTIME



INCREASE
ACCURACY



INCREASE
RELIABILITY

KEY ADVANTAGES:

- Shutdown not required - No loss of production time
- No radiation
- Inspection data can be digitally saved
- Real-time inspection results
- Sensitive to a variety of weld defects
- Accurate sizing of defects



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