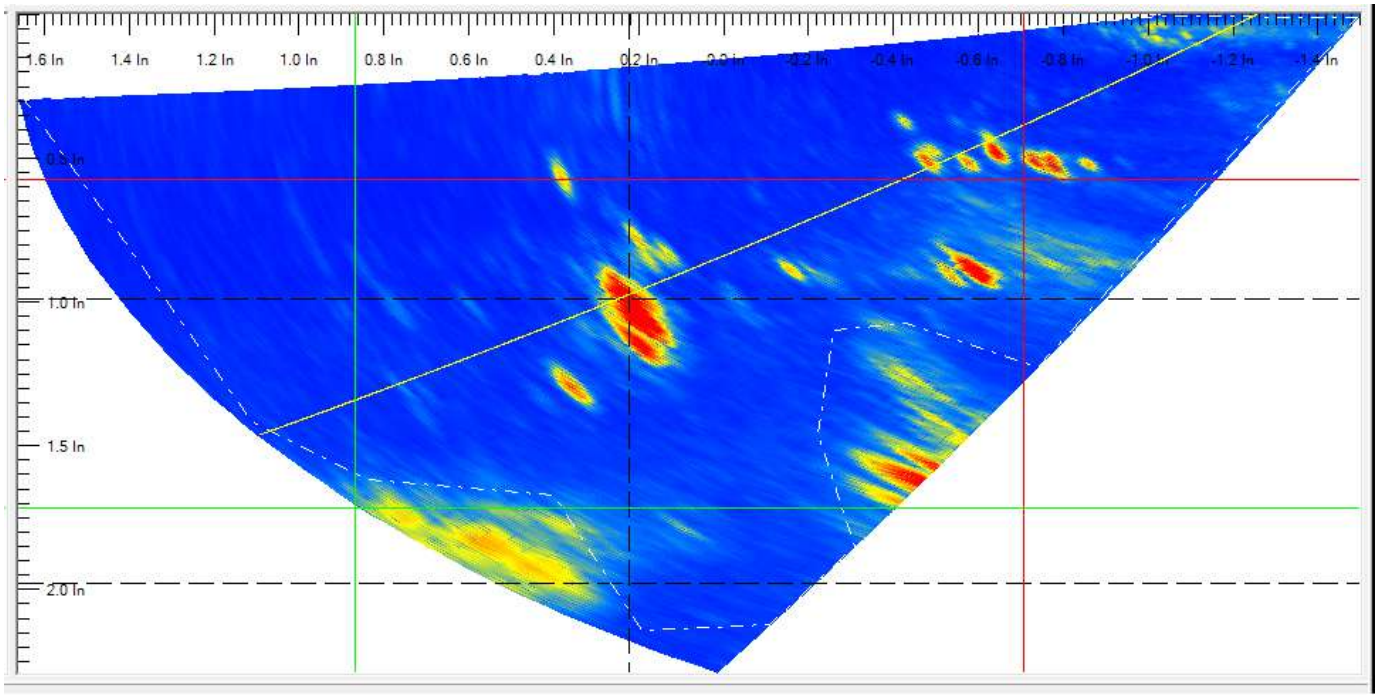
TPAC The Phased Array Company

Experts in Phased Array Ultrasound

Prelude

Powerful and Easy to use PAUT Software



- Acquisition: Real-Time Visualization
- Analysis: In-depth look into offline data
- Wizard: Easy Inspection Setup

ABOUT

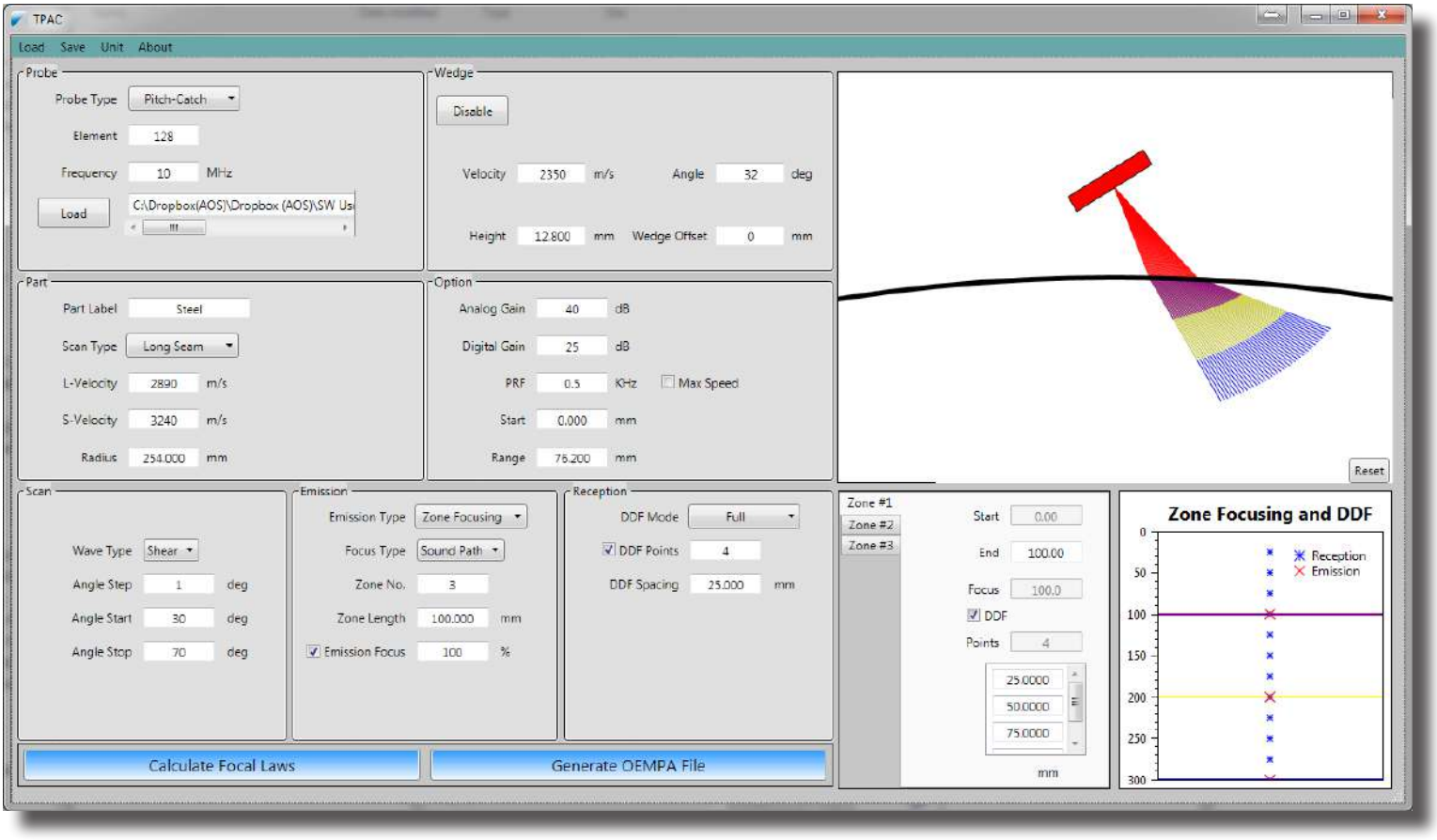
Prelude is a powerful and easy to use software platform for PAUT. Operators won't get bogged down with too many unnecessary features so you will achieve the inspection you need without all of the hassle. The ability to perform UT setup parameters and data acquisition for phased array technology has never been easier.

Rugged tablet displaying Prelude software

Probe with TPAC wedge and 85 mm thick aluminum SDH test piece

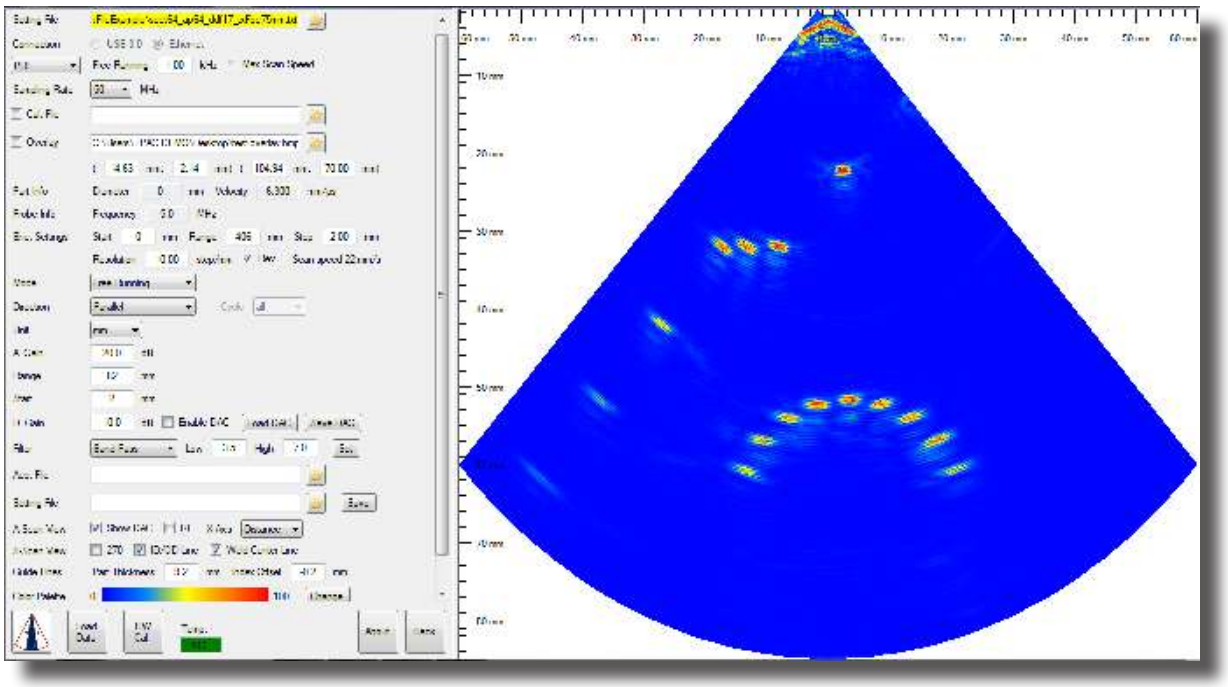
Prelude Wizard

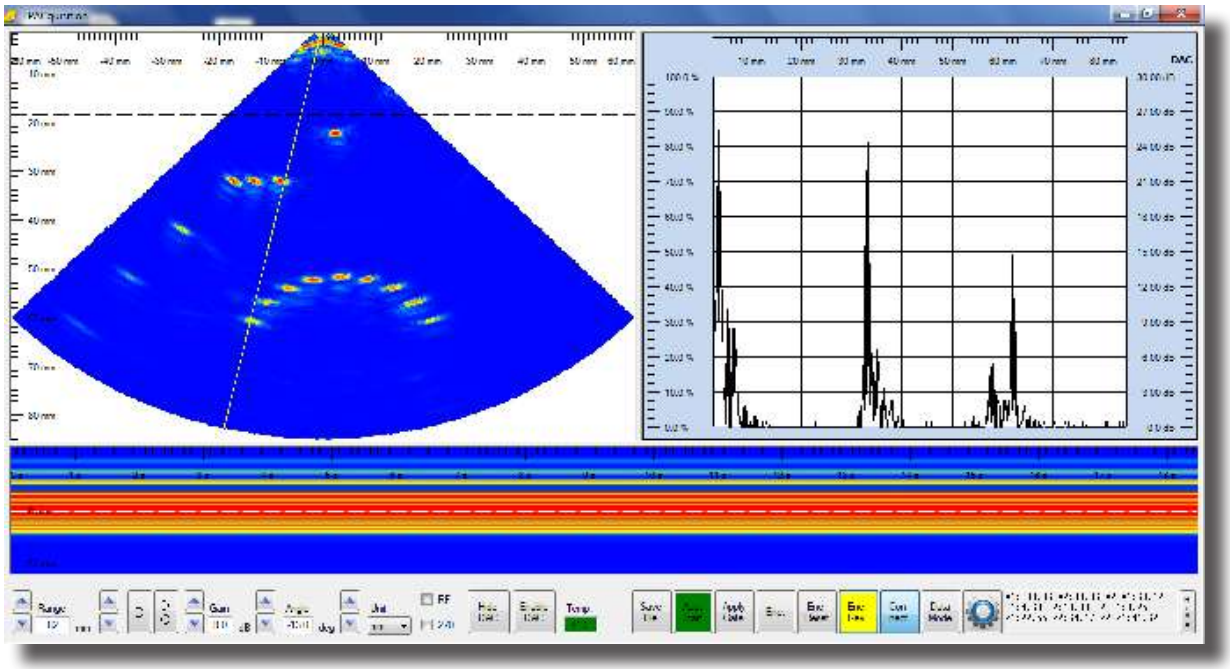
- Zone Focusing with DDF mixed
- Dedicated for the supervisor only



Acquisition Mode

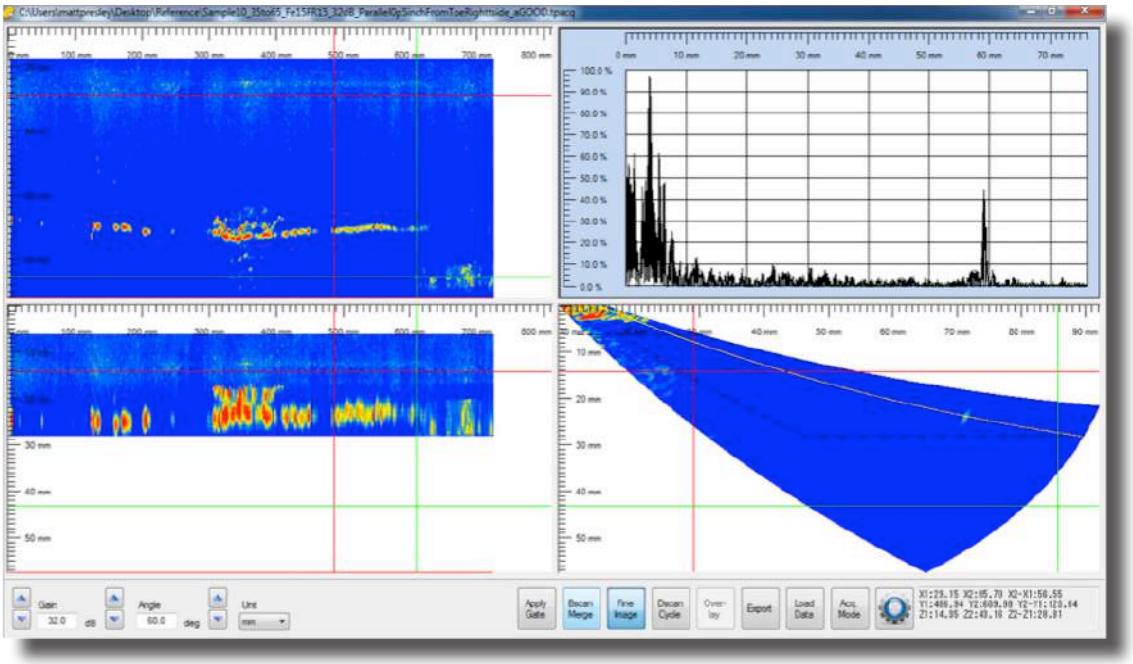
- Easy to use; can be trained in 15 minutes
- Corrected views are standard
- Merged views can be obtained by a single click



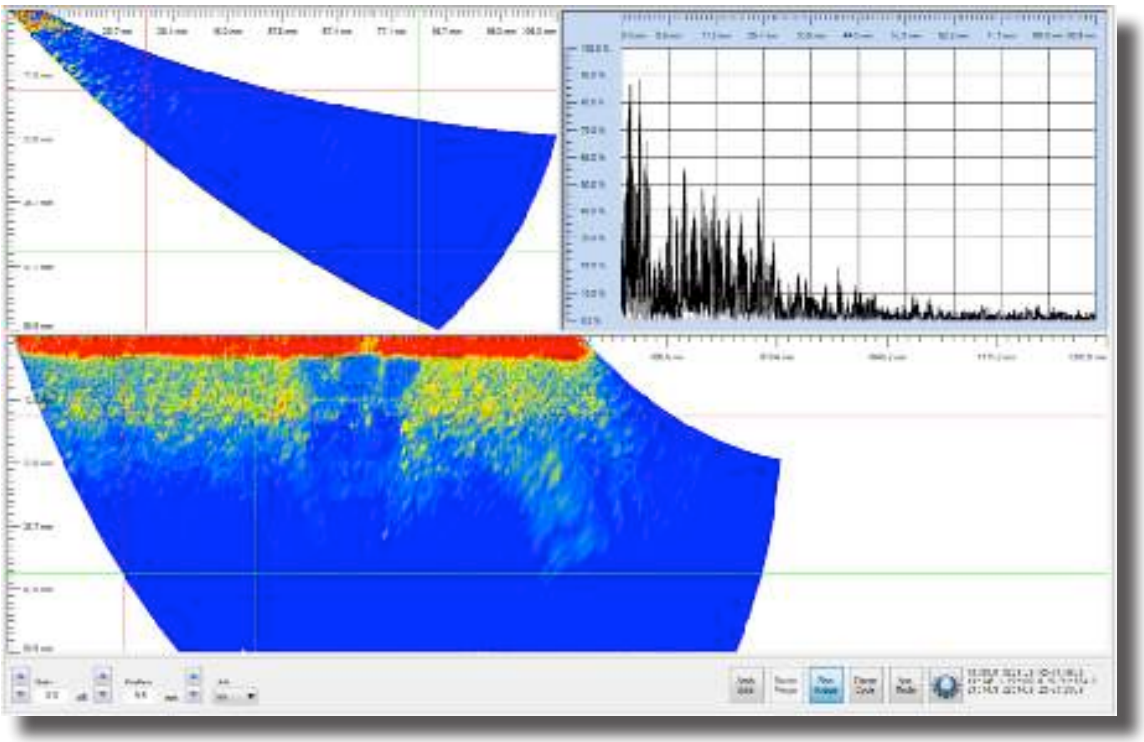


Data Analysis

- Marking feature to reject ghost echoes (Polygon)
- Provides parallel and perpendicular scan corrected views for long seems and girth weld
- Manages Linear or Matrix array



Parallel scan to the weld

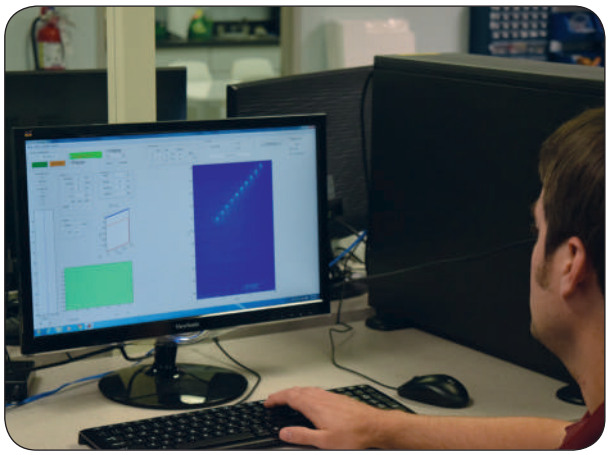


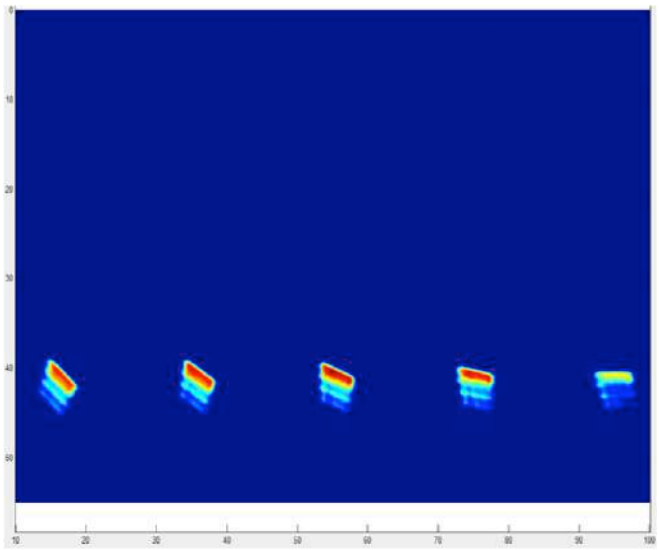
Perpendicular scan to the weld

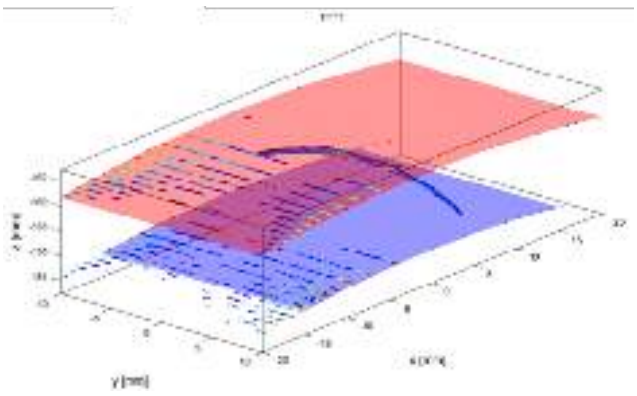
TFM Software Services

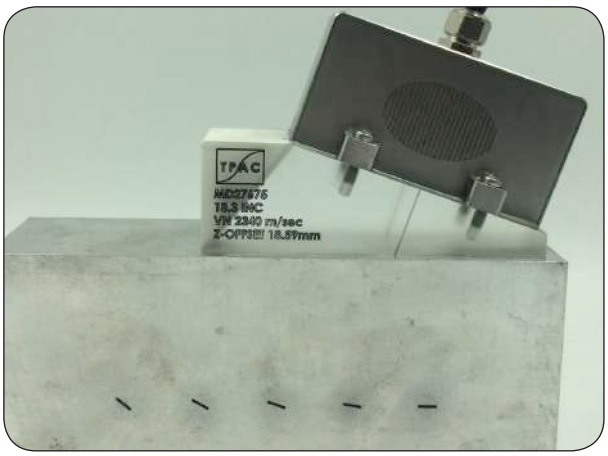
What can TPAC do for you?

- Customize TFM software to fit your application
- Analyze FMC data
- Help you design the best PA probe for TFM
- Feasibility Study: Scan your parts so you can see the benefit of TFM









About TPAC

Custom Software

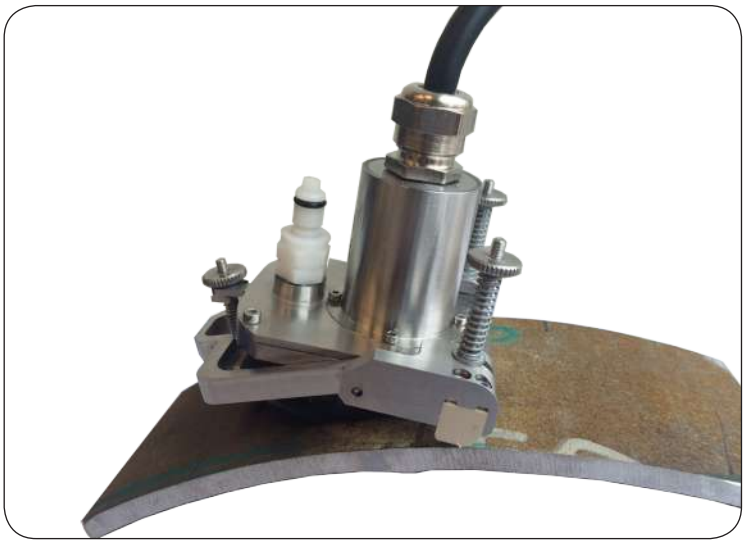
- Developing the exact application you want
- Phased Array and Conventional UT
- Solutions ranging from simple to complex

Custom Probe Design

- Phased Array (Linear, Matrix, Annular, Pitch/Catch)
- Simulation, Manufacturing, Characterization
- Selecting the right probe for your application

Training and Support

- Teaching inspection techniques to technicians
- Supporting all needs even if that means going out into the field
- Direct line to over 25 years of experience in providing NDT services



Consulting

- Deciding between phased array or conventional ultrasonics
- Determining the best equipment for the job
- Utilizing our network of UT equipment suppliers to get the best value

Equipment Customization

- Integrating UT technology into a pre-existing system
- Building custom enclosures for any environment

TPAC

9365 Allen Rd. West Chester, Ohio 45069, USA
www.tpac-ndt.com
+1 (513) 785-0801
info@tpac-ndt.com