



### Key Benefits of the Solution:

- Replaces radiography (RT), leading to improved safety, quicker turn-around time and reduced operating costs.
- Very intuitive user interface for the technicians, allowing easy transition from conventional UT to phased array UT (PAUT).
- About 4X to 6X faster scanning speed due to phased array imaging coverage (S-scan, L-scan and Top View).
- Possibility to switch between UT, ToFD and PAUT, depending on the inspection procedure.
- Much higher Probability of Detection (PoD) due to the PAUT wide volume coverage.
- More efficient than regular UT in complex geometries (e.g. flange to plate welds and door frames)
- Process can be fully automated for increased productivity.
- Easy to analyse reports thanks to Top View imaging (very similar to X-ray films but provides depth information).



Cutting Edge Technology  
Intuitive User Interface  
Upgradeable Design



High production rates require faster and more efficient techniques such as PAUT or ToFD



Complex weld configurations such as door frames or plate-bolt flange are made simpler with PAUT



Automated scanners for ToFD and Phased Array testing. Equipped with strong magnetic wheels, you can remotely control the scanner and perform a full-coverage scan

Typical search units are:

| Thickness | PAUT Probe     | ToFD Probe + Wedge       |
|-----------|----------------|--------------------------|
| 15-50 mm  | 5L64-0.8P-R-L4 | 10A1-3D-RTD-T3 + T3-60LW |
| 50-100 mm | 5L64-0.8P-R-L4 | 5A1-6D-RTD-T6 + T6-60LW  |
| >100 mm   | 5L64-0.8P-R-L4 | 5A1-6D-RTD-T6 + T6-45LW  |

Typical kit components are:

| Product Code             | Name  |
|--------------------------|---|
| [PRG-PRO-900]            | PragmaPro Instrument Platform                               |
| [PRG-PAUT-32/128]        | PAUT 32/128 Cartridge                                       |
| [PRG-PAUT-KIT0]          | PragmaPro Convenience Kit (accessories)                     |
| Optional: [PRG-SCAN-SKO] | 1-Axis Motorized Scanner for Multiple Probe Setups          |
| Optional: [PRG-SCAN-ACC] | 2-Axis Motorized Steerable Scanner for ToFD or Phased Array |