

We
DEVELOP

NDTkit®

NDTKIT UT

Safe decision making by automated analysis and reporting of plenty UT data sources

Automated software for processing high-volumes of data from various ultrasonic instruments.

Benefits

Efficiency

- Reach high inspection volumes thanks to full automation, from acquisition to reporting.

Flexibility

- Customize software's tools to your analysis needs thanks to its plugin system base.

Traceability

- Keep the trace of reports even if you share it thanks to remote access capability.

Reliability

- Perform repetitive analysis and maintain the quality of results with no effort.

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Features

- Automated defect detection, measurement and reporting.
- Configurable tools thanks to plugin system: defects detection, sizing, location and grouping, porosity characterization, contours detection, thickness measurements, macro-mode & reporting.
- Reports can be stored on shared servers.
- Repeatability of analysis procedure.

Technical specifications

O.S.: Windows 64 bits

Palette adaptation capabilities: Red, 16 colors and resolution

A-scan: Interpolation, rectification and configuration

C-scan: Edge effect & amplitude correction, CAD fitting

C/F-scans: Amplitude, time, central & peak frequencies, bandwidth, and amplification

Scans descriptions, calculations, association and symmetry manipulation

Tools for layouts, masking, and edge detection

Defects detection by -6 db method, grouping, and filtering

Statistic measurements, analysis and representation