



# Measurement of Stress by Ultrasounds

- *Rapide*
- *Economical*
- *Simple*
- *Portable*
- *No destructive*

## *Ultrasonic Technique and Device for Stress Determination*

The residual stress measurement of components allows industrials to get an important information on the design and manufacturing. The residual stress could have an impact on the strength capacity and fatigue behavior of component. This is relevant especially for companies that subject their manufactured parts to heat treatment, mechanical treatment or welding operations.



ULTRA-RS

NDT for Stress Measurement

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ULTRA RS offers an efficient and accurate tools for the stress analysis in mechanical components, including the following service on site or at ULTRA RS premises:

- \* The study and the set up of the specifications with client collaboration;
- \* The development of the measuring devices depending of the customer specification;
- \* The qualification of the ultrasonic method;
- \* Control of parts and interpretation of the results;
- \* Production of a test report.