

Xsolo

A Portable, Lightweight and Adaptable Instrument



Bring the analyzer to your samples

You know that stress and texture measures are possible for small samples on XRD laboratory instruments (max. 15 x 15 x 2 cm).

Doing the same kind of analysis on complete parts or other very big samples is still possible but typically needs more complex instruments. The systems used are XRD systems fixed on a robot like the Precix robot, but you still have to bring the sample to the instrument place.

Now you will be able to bring the analyzer directly to your sample and measure residual stress and texture in field with the new Inel **Xsolo** system.

Why use Xsolo?

- Small dimensions (h=25cm)
- Light weight (<10kg)
- Easy to use

The best configuration for the most nomadic stress system you will ever find !

Application fields

- Welds control in the field : pipelines, bridges, nuclear reactor facilities...
- On-site critical industrial parts control: aerospace, automotive...
- Determination of critical failures in damaged important structures
- Validation of repaired area as «restored» to original specifications
- And even more...

Specifications

- Anode source Cr 4 Watts
- 2D detector 24 x 34mm
- Angular range : 90 to 170° 2 θ
- Pixel size 20 μ m
- CCD with Peltier cooling
- «Phi axis» motorization (Texture)
- «Psi/Omega» angular sensor
- Working distance: appr. 22mm

You want more informations about the New Xsolo system?

For more information contact us now at info@inel.fr !

