

## SHEAROGRAPHY SYSTEM (Non Destructive Testing – NDT)

**Manufacturer:** Dantec Dynamics

**Type/Model:** SHS33

Shearography is an optical Non Destructive Testing (NDT) method that provides information on the surface of materials. The Technique is non-contact and full-field with the main applications related to Quality Inspection of composites and other materials. Shearography is being extensively used in production and development within the aerospace, automotive, wind energy, and marine industries as well as for material research. Unique advantages are that Shearography is non-contact and has a high rate of coverage ( $\sim 1 \text{ m}^2/\text{minute}$ ).



Shearography - NDT Measurement Systems | Shearography - NDT Systems for Flaw Detection in Composite Materials - Dantec Dynamics Typical flaws detectable in Composite Materials with Shearography are:

- Disbonds
- Delamination
- Wrinkles
- Porosity
- Foreign objects
- Impact damage

The Shearography System can be used on any of our fatigue test systems.