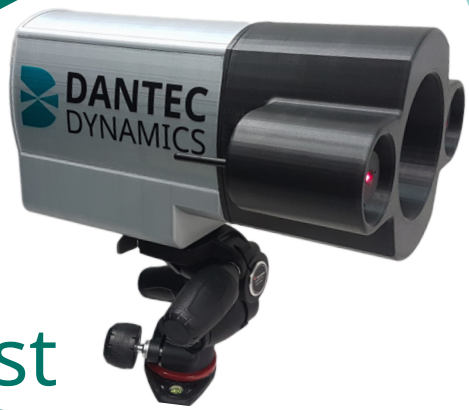
DANTEC DYNAMICS

Wrinkles
Disbonds
Delaminations
Cracks
Crushed core
Kissing bonds
Fluid ingress
Cracked cores
Porosity
Repair defects
Voids
Foreign objects
Impact damage (BVID's)

NEW NDT technology to solve challenges of new lightweight materials!

FlawExplorer^{TWO}
Extend your NDT capabilities



Solution
Non-destructive testing of composites based on Laser Shearography

Results
Instant, full-field defect detection on wrinkles, delaminations and more

Benefits
Fast, easy to handle, and cost-efficient Quality Control

Fast
Efficient
Affordable

The new FEX family member FlawExplorer^{TWO}

A tool extending your professional inspection capabilities

New solution to new challenges

Energy prices and environmental concerns are driving development and use of new, lightweight materials and various composite designs. Many of these materials are accompanied with limited material, production knowledge and inspector experience. Speed and time to market constrains are pushing researchers, designers, material and inspection experts to utilize new quality control solutions. Existing processes and methods are being challenged, sometimes delivering limited or inconclusive results. Professionals therefore need to think outside the box, and extend their toolboxes and capabilities to accommodate the new challenges and demands.

FlawExplorer a possible solution

Our Shearography solutions are frequently proving their capabilities for composites testing in space and military aviation. With the dramatically increased usage of new lightweight composite material in civil and many other industrial applications, this quick, intuitive inspection technology it now being utilized. Industrial versatility, portability and ease of use combined with simple result interpretation allows NDT experts to extend their tool portfolio and explore new capabilities at comparable NDT technology budgets.

Explore affordable Shearography

This attractive package will pay off on its own. More over, combining it with other NDT methods it enhances detectability while accelerating inspection processes.

For more information contact
Dantec Dynamics GmbH
Kaessbohrerstrasse 18, 89077 Ulm, Germany
Tel.: +49-731-933-2200
Email: product.support@dantecdynamics.com

DANTEC DYNAMICS Turn Measurements into Knowledge

NOVA INSTRUMENTS