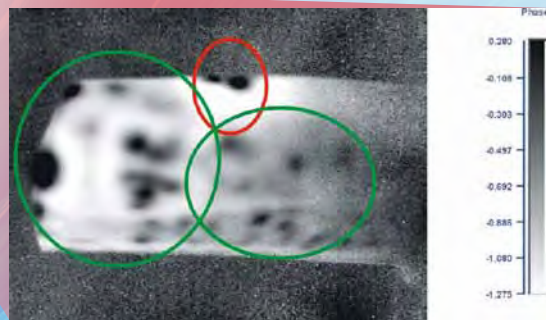


# CRACK-CHECK

Advanced NDT For Metallics and Ceramics

IR-NDT TECHNOLOGY



*Discover the next generation of thermography, delivering unprecedented **speed, performance and flexibility.***

Ideal solution for **high speed, non-destructive** inspection of metallic, ceramic and composite materials.

**Various configurations** for optimum adaptation to different geometries, sizes and composite materials.

### **Detect:**

- Surface Cracks
- Deep Cracks
- Micro-Cracks

### **High Speed / Flexible:**

Variable system design, from mobile systems for laboratory applications up to robot guided in-line systems with high speed measuring and fully automated data processing.

Easy and fast changeover for the measurement of different parts and materials.

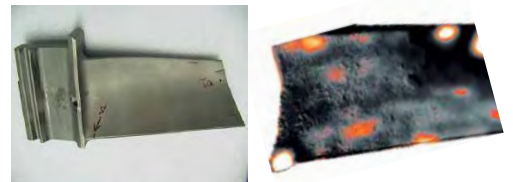


Laboratory setup.

### **Measures All Key Defects on a Variety of Material:**

Cracks are displayed with excellent contrast.

Suitable for all kinds of metallics, ceramics and composites.



Jet engine turbine blade with cracks detected.

### **LockIn Vibro-Thermography NDT Solution:**

During the measurement of the inspected part heat is generated only at positions with defects. The heating is adjustable by the ultrasound power applied to the part.

Even temperature-sensitive materials can be inspected.

Only 10% of the ultrasound energy is necessary compared to conventional vibro-thermography systems, thus preventing further damage to the cracked area.



Aluminum aircraft wheel with cracks detected.

For more information, visit our website at [www.moviTHERM.com](http://www.moviTHERM.com) or call 949-699-6600.