WindTherm

Wind Turbine Blades Inspection

Advanced System with Huge Potential for Inspection of Wind Turbine Blades

Mobile Pulsed Thermography Inspection

- Wind-turbine blade inspection method based on active thermography
- Fast detection and localisation of defects
- Performed by rope-access technicians
- The system gives immediate results
- No need for heavy lifting equipment
- Measurement covers all sides of the blade





Main features of the system:

- Mobile
- Non-contact
- Objective and repeatable results
- Easy in operation
- Enables quick diagnosis

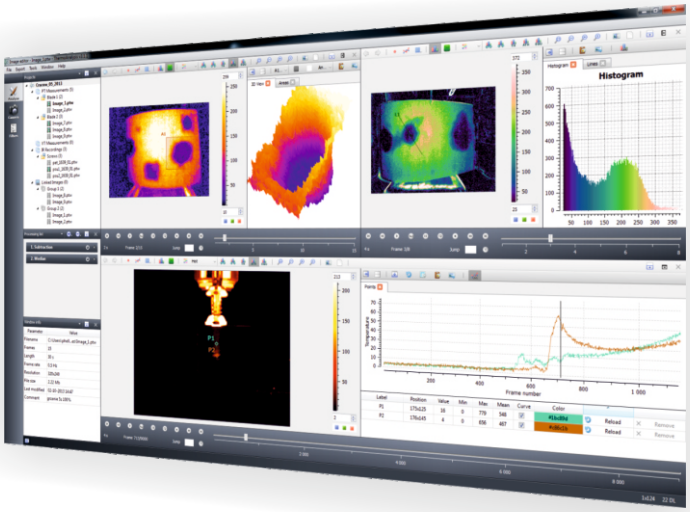
Main advantages

System can detect defects which were introduced during manufacturing, transport or normal operation of the blade. Typically identified defects include delaminations cracks, moistures and other structure inhomogeneity. Additionally it is possible to verify the state of blade after previous repairs. A medium-sized wind-turbine can be diagnosed in less than two days.

Measurement results

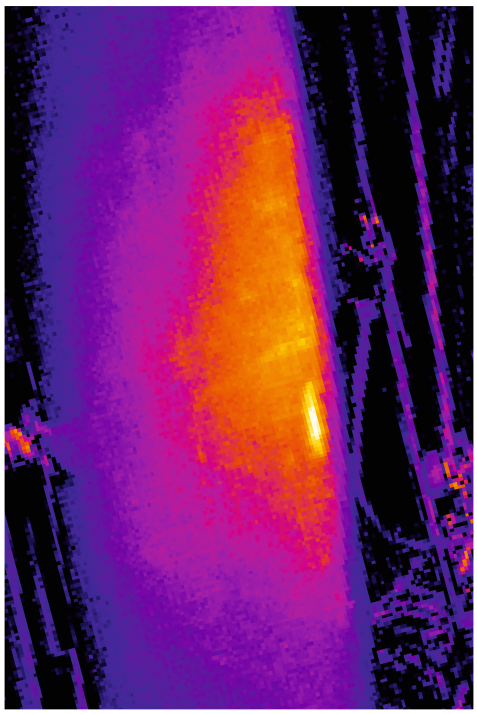
- Thermovision image of the blade's internal structure
- Detection of variety of defects:
  - delaminations
  - cracks
  - moisturings
  - inhomogeneity's
- Accurate localisation of the registered defects

ThermoAnalysis



- ThermoAnalysis Viewer software is included free of charge
- Allows to view results of thermographic inspection
- Works on all major desktop operating systems







ul. Lublańska 34
31-476 Kraków
Poland

phone: +48 627 77 09
e-mail: office@monitshm.pl
http://www.monitshm.pl

Tomo g. 22
LT-91249 Klaipeda
Lithuania

phone: +370 46 311272
e-mail: info@gridins.com
http://www.gridins.com