

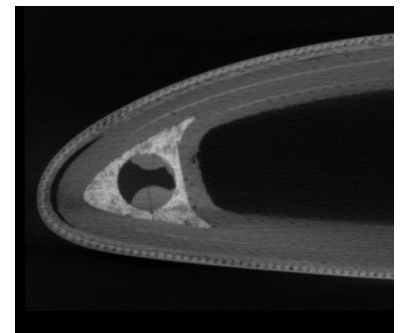
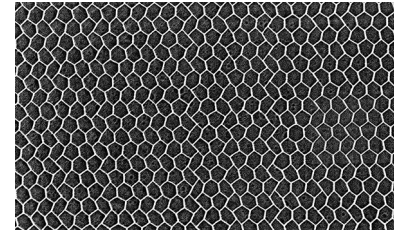
BladeCheck

RayScan BladeCheck is dedicated for visualization and analysis of large flat assemblies e.g. rotor blades, its structure, its components and its materials, e.g. quantitative defect detection in a defect range from below 50 μm , porosity analysis, fibre inspection or dimensional measurement. The system is made for non-destructive testing and evaluation of any penetrable material. The equipment meets the requirements of the international CT standards and the NDT standard procedures as developed and executed by Eurocopter (Airbus Helicopters).

The system is based on the non-destructive, contactless RoboTom technology and is designed for automated inspection of very long objects.

Equipped with the software package RayWare it can be upgraded with correction tools and future developments of RayScan. All components are integrated into a complete system with intuitive user interface. The software modules operate under Windows.

Blade Check represents a break-through in the automated, non-destructive monitoring of production processes for helicopter blades or for other complex and elongated assemblies.



Technical Data*

X-Ray Source	180 kV
X-Ray Detector	16 bit Flächendetektor
Object Dimensions	up to 12000 x 650 mm
Object Weight	up to 400 kg
Scanning Area	300 x 300
Detail Resolution	< 50 μm
Scanning Time	1 - 10 min.
Scanning Methods	ROI-CT, Radioskopie

* Guide only, actual figures depend on material, maximum wall thickness, detector and source options. Subject to modification

