

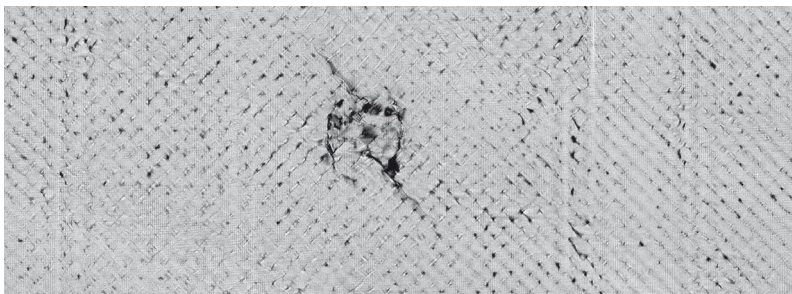
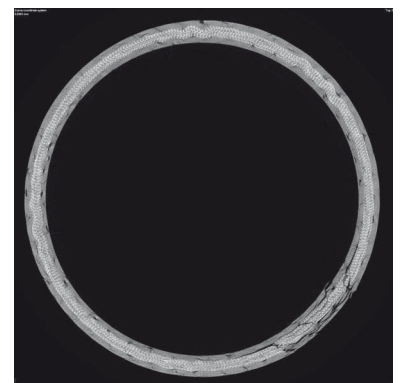
RayScan 130

RayScan 130 is a 3D micro Computed Tomography (CT) system for various applications of non-destructive testing and dimensional measurement.

Equipped with a flat panel detector, a micro focus X-ray source and compact mechanics RayScan 130 provides access to a comprehensive object analysis based on fast high-resolution 3D micro-CT.

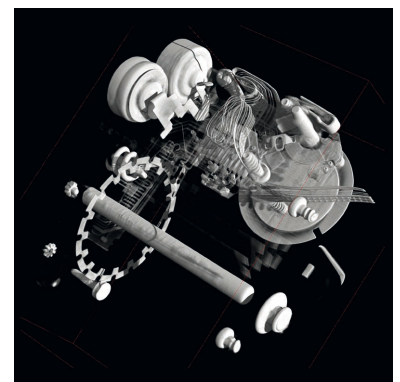
The volume data of one single scan allow a variety of evaluations, e.g. non-destructive testing, assembly check, coordinate measurement and actual-nominal comparison. The generation of surface data enables also reverse engineering and 3D printing.

Operating the system is performed using RayWare® software package. All functions are easily accessible in a simple user interface. Based on a slim design with a fully integrated shielding cabinet RayScan 130 can be placed in almost all kinds of rooms. Set-up and commissioning of RayScan 130 is easy and fast.



Technical Data*

X-ray source	130 kV micro focus
Focal spot size	from 5 µm
Size of objects	∅ up to 400 mm / Length up to 500 mm
Weight of objects	up to 5 kg
X-ray detector	Flat panel with 3 megapixel
Materials	Light metals, Ceramics, Plastics, Composites
Scanning methods	3D-CT, ROI-CT, Radioscopy
Optional	Helical-CT, Extension of scanning area
Voxel size	from 2.5 µm
Magnification	up to 50-fold
Scanning area (hor. / vert.)	160 mm / 175 mm optional 200 mm / 135 mm
X-ray cabinet	compact shielding according to DIN
Floor loading	max. 500 kg/m ²



* Guide only, actual figures depend on material, maximum wall thickness, scanning parameters
 Subject to modification