AM
SHAPING THE FUTURE

AGIOMETRIX

The widest range of tomographic systems at your service
3D TOMOGRAPHY FOR METROLOGY AND DEFECT ANALISYS

METROLOGICAL SYSTEM MCT225

Technical characteristics
Microfocus source   225 kV
Accuracy (VDI2630)   9 µm +L/50
Min. detectable feature   2 µm in 2D

Sample size
Weight up to: 5 kg
Volume up to: (Φ400 x H500) mm

Max thickness vs. material
Plastic: 250 mm
Aluminum: 110 mm
Cast Iron/Steel: 20 mm

GOM-ZEISS CT TOMOGRAPHY SYSTEM - Metrotom 6

Automated Metrological CT system
High Precision Microfocus CT System,
Repeatability and reproducibility for automated
measurement of production batches

Micro Focus: 225kV
MPESD = **8 µm** + L/75, according to VDI 2630-1.3
Working volume: D: 240 mm x H: 200 – 400 mm
3K-detector (resolution: 3008 × 2512 pixels)
Voxel size: 2 µm - 80 µm
5-axis cinematic for precise sample positioning
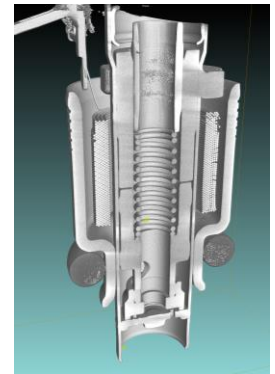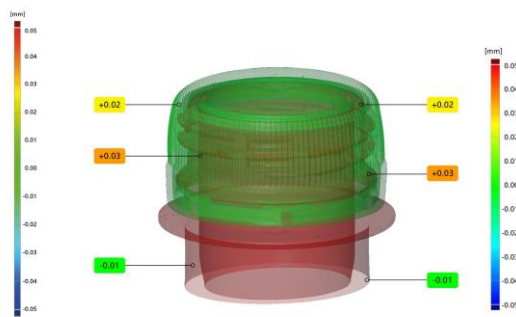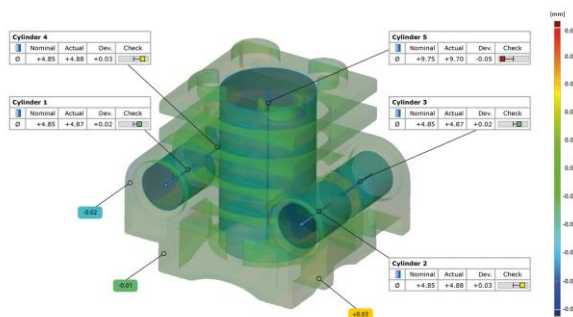
Max sample weight: 5 kg

Training courses on GOM Inspect professional di level base, intermediate and advanced, **conceived on specific customer needs:** ask us and our trainers for a **training project specifically tailored for you**
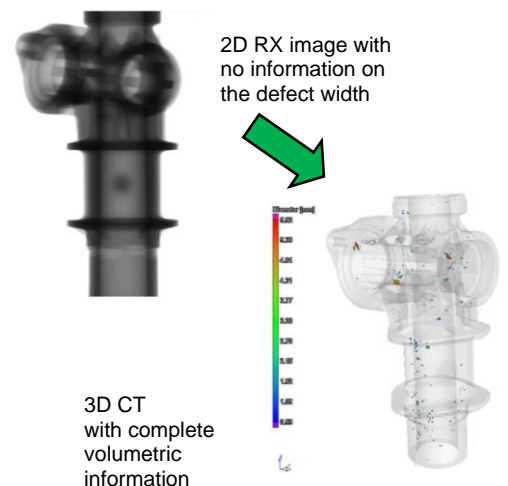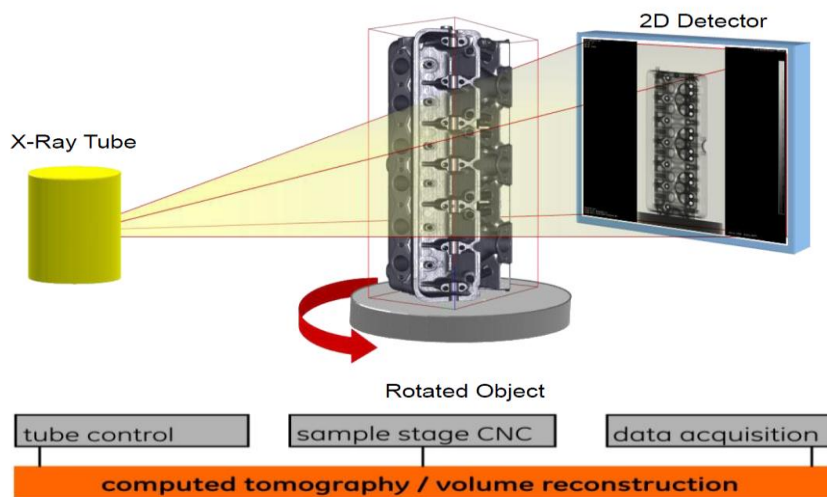
Official reseller

VOLUME
GRAPHICS
SOLUTIONS ABOUT VOXELS

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Motorcycle tachometer: components segmentation

X RAY CT TOMOGRAPHY: HOW IT WORKS

2D Detector

X-Ray Tube

Rotated Object

| tube control | sample stage CNC | data acquisition |

computed tomography / volume reconstruction

2D RX image with no information on the defect width

3D CT with complete volumetric information

3D X-RAY TOMOGRAPHY FOR REVERSE ENGINEERING
The way to Speed up the Workflow and Reduce Costs

For all the Reverse engineering activities X-Ray 3D tomography is a powerful technique to obtain complete and detailed 3D files in stl format of any physical sample of every shape and material, both internally and externally