

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

METROLOGICAL SYSTEM MCT225

Technical characteristics

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

Sample size

Weight up to:	5 kg
Volume up to:	(Φ 400 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 μ m + L/75, according to VDI 2630-1.3

Working volume: D: 240 mm x H: 200 – 400 mm

3K-detector (resolution: 3008 x 2512 pixels)

Voxel size: 2 μ m - 80 μ m

5-axis cinematic for precise sample positioning

Max sample weight: 5 kg

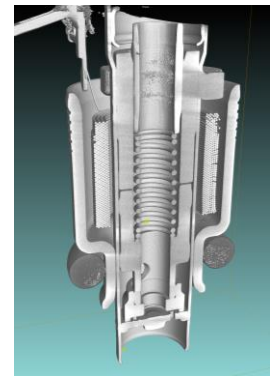
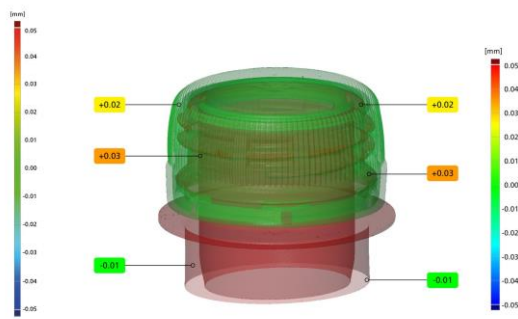
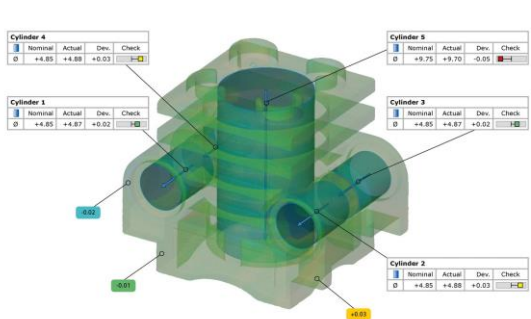
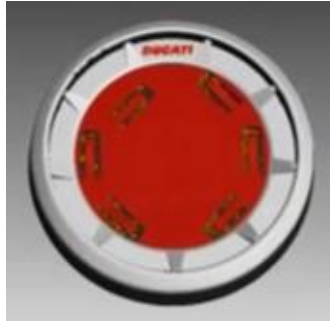
Training courses on GOM Inspect professional di level base, intermediate and advanced, **conceived on specific customer needs:** ask us and our trainers for a training project specifically tailored for you

Official reseller

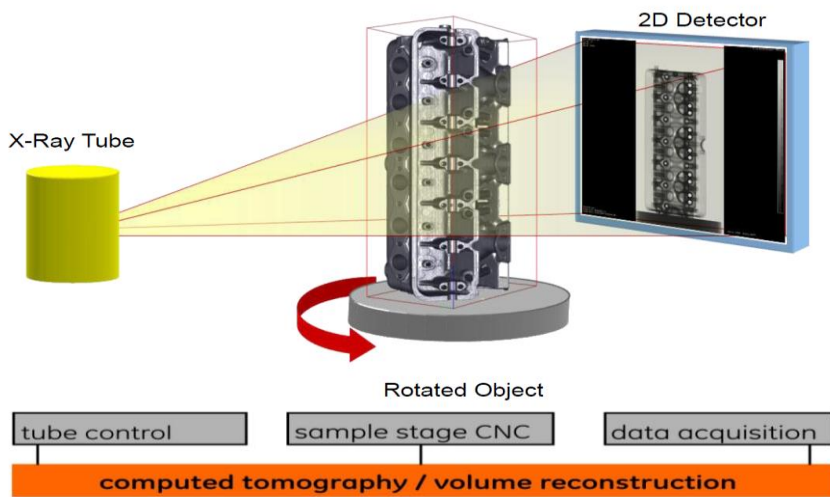


**VOLUME
GRAPHICS**
SOLUTIONS ABOUT VOXELS

Motorcycle tachometer: components segmentation



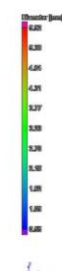
X RAY CT TOMOGRAPHY: HOW IT WORKS



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