



SHAPING THE FUTURE



Certified ISO9001-2015

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

X-RAY 3D TOMOGRAPHY SYSTEM Y.CT Modular 600kv

The most powerful and biggest system in Italy for massive and big size sample tomography scanning

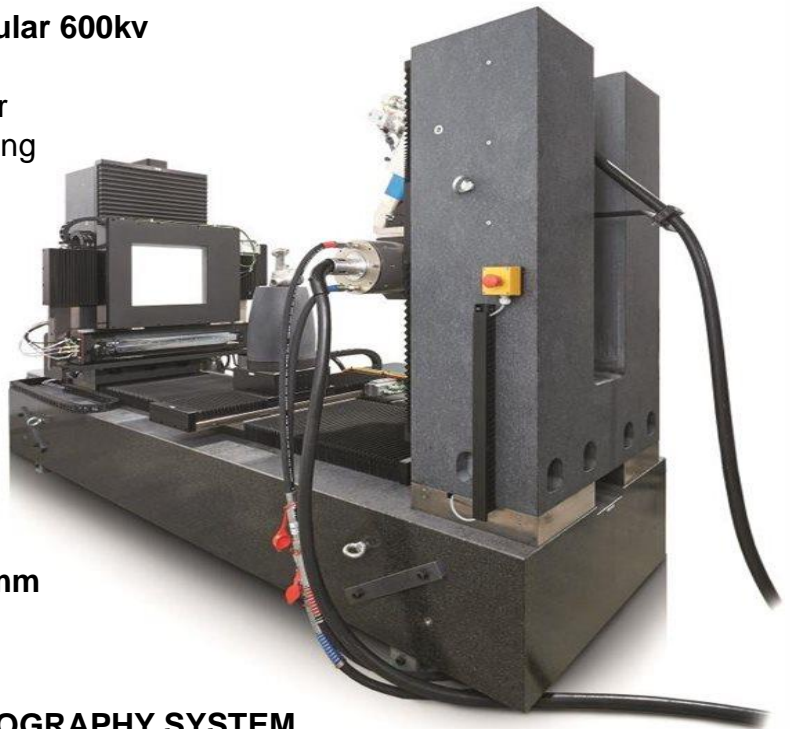
X-ray tube of **600kV** and **0.7-1.5kW**

Double panel: **flat panel + linear array**

Additional Features:

- laminography
- Helix CT
- Certified 2D digital radioscphy

Sample size up to $\Phi=1000\text{mm}$ H=2500mm
 Sample weight up to **200Kg**



GOM CT TOMOGRAPHY SYSTEM



Absolutely new for the Italian market for all the inspection where **extremely high accuracy** is needed
 Especially conceived for demanding fields like **automotive, motorsport, medical, electronics, aerospace and material research.**

Micro Focus: 225kV
MPESD = $8 \mu\text{m} + L/75$, according to VDI 2630-1.3
 Working volume: D: 240 mm x H: 200 – 400 mm

Additional Features:
Vertical FOV extension
 Max sample weight: 5 kg

Technological Partner



Metrix3D is official reseller



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Capitale sociale: Euro 50.000 / R.E.A. BO/521795 / Registro imprese Bo: 03471801203 / C.F. e P.Iva: 03471801203

METROLOGICAL SYSTEM MCT225

Technical characteristics

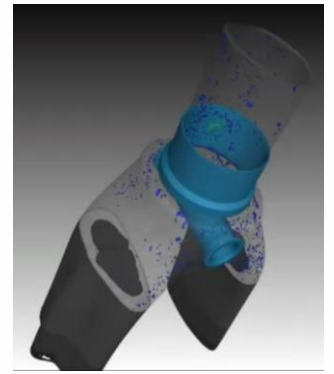
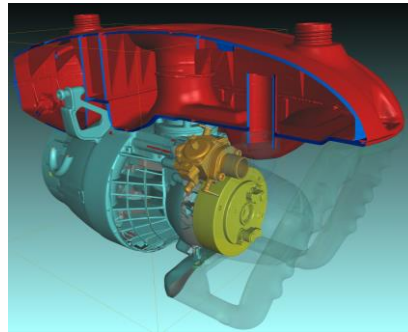
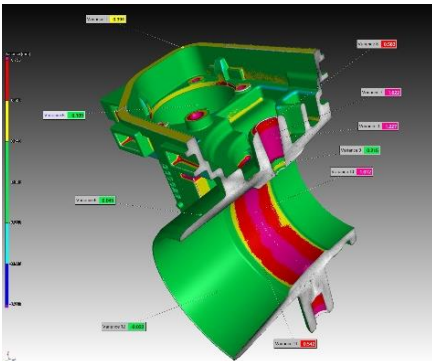
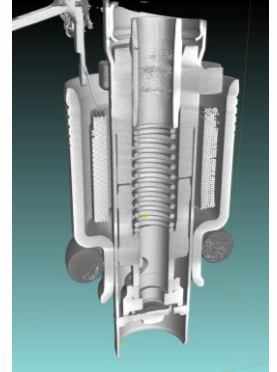
Microfocus source	225 kV
Accuracy (VDI2630)	9 μm +L/50
Min. detectable feature	2 μm in 2D

Sample size

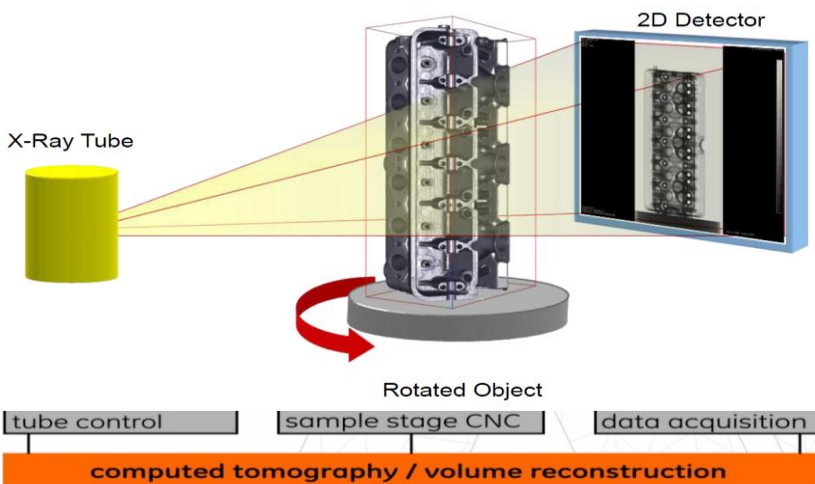
Weight up to:	5 kg
Volume up to:	(Φ400 x H500) mm

Max thickness vs. material

Plastic:	250 mm
Aluminum:	110 mm
Cast Iron/Steel:	20 mm

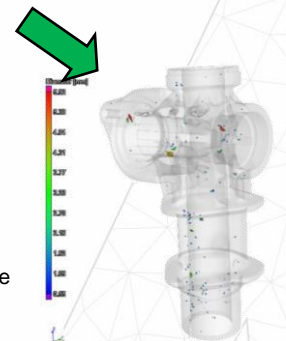


X RAY CT TOMOGRAPHY: HOW IT WORKS



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

Xray 3D TOMOGRAPHY SERVICE for the industry

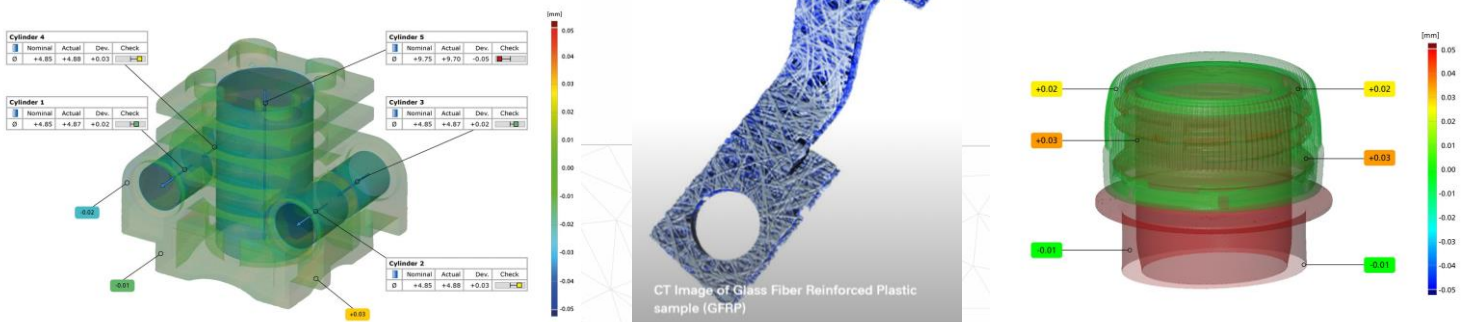
GOM CT SYSTEM Automated CT Metrology

Micro-focus CT system with **high precision, repeatability and reproducibility** performances for **automated measurements of large production batches**

225 kV X-ray source
3K-detector (risoluzione: 3008 × 2512 pixels)
Measuring Area: 240 mm, h: 200-400 mm
Voxel size: 2 µm - 80 µm

Accuracy: 3 µm + I/100 (SD)

- 5-axis kinematics for automatic object positioning
- 3D Modelling of the measuring area
- Granite base structure



Metrix3D is the ITALIAN tomography service centre where you can find the widest CT system range at your disposal for DEFECT ANALYSIS AND 3D METROLOGY

Technological Partner



Training courses on GOM Inspect professional di basic, intermediate and advanced level **designed according to customer needs**: our trainers are available to give you all the information and design with you a **tailored training project based on your needs**.