RX SOLUTIONS
Industrial X-Ray radioscopy and CT-scanners

EasyTom S

3D X-RAY MICRO COMPUTED TOMOGRAPHY SYSTEM

NEW

Top Performance

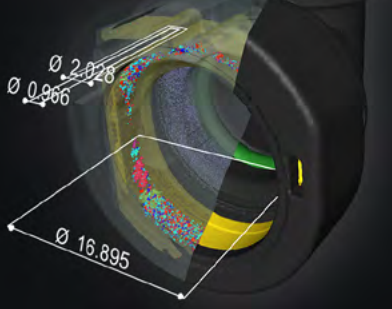
- ✓ Micro-focus Generators:
  Outstanding CT Resolution 2 µm
- ✓ High speed Detector:
  Fastest scan 6 sec.

High Flexibility

- ✓ Large inspection volume (ØxH):
  185 mm x 390 mm
- ✓ Easy integration:
  Small footprint - Plug & play
- ✓ Designed for multiple applications:
  Different configurations available

Maximum Efficiency

- ✓ Enhanced mechanics:
  long-term stability granite axes
- ✓ Automated scanning reconstruction
  and inspection workflow
- ✓ Multiple acquisition modes:
  Conventional, helical, shift, stack …
- ✓ High availability:
  low maintenance downtime



TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS

Scanning Capabilities

Highest resolution	2 µm (JIMA & QRM Charts)
Maximum scanned volume (ØxH) *	185 mm x 390 mm
Maximum sample weight	5 kg

* The sample size can exceed the maximum scanned volume

Mechanical Specifications

Cabinet dimensions (HxWxD)	1865 mm x 1325 mm x 890 mm
Total weight of the system	1020 kg
Vertical Axis	300 mm
Lateral Axis	200 mm
Zoom Axis	466 mm
Generator to detector distance	590 mm

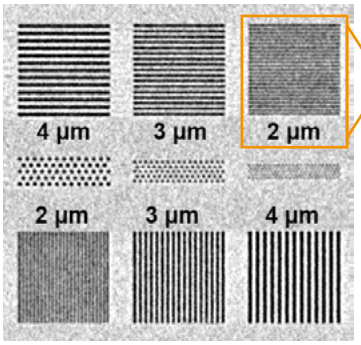
CT SPECIFICATIONS

X-ray Generator

Microfocus sealed tube	Option 1	Option 2	Option 3
Maximum voltage	110 kV	130 kV	150 kV
Maximum power	16 W	39 W	75 W
Minimum focal spot size	2 µm	5 µm	5 µm

X-ray Detector

Flat panel (Other detectors available on request)	Active area	20 cm x 25 cm
	Pixel pitch	127 µm
	Pixel matrix	1920 x 1536
	Frame rate	1-60 fps



QRM micro-chart : 3D proven resolution 2 µm

RX SOLUTIONS SOFTWARE: X- ACT

Radiography

- Radiography filter enhancement
- 2D video sequence acquisition
- 3D measurements

CT Acquisition

- CT Acquisition Modes: conventional, helical, stack, laminography, continuous or step by step rotation
- Ergonomy: wizard mode for non experts, automation mode for single click acquisition to inspection workflow
- Radiography filter enhancement, 2D video sequence acquisition, 3D measurements
- Automatic black & gain calibration and sample repositioning

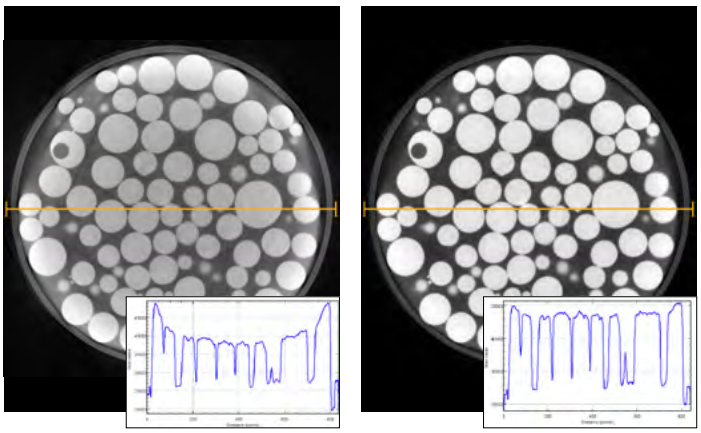
CT Reconstruction

- Real time artefacts corrections: focal spot drift, ring artefacts, beam hardening, phase contrast
- Easy and intuitive 3D optimization of the reconstruction volume using test slices
- On the fly reconstruction of a running acquisition

WORKSTATIONS

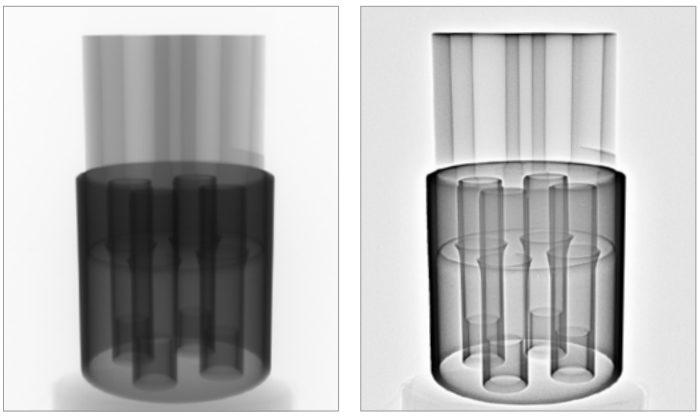
- System-integrated acquisition workstation
- Standalone reconstruction workstation with powerful GPU

X-Act: RX Solutions Proprietary X-Ray Imaging Software



Before correction *After correction*

Beam Hardening Correction



Without filter *With filter*

Radiography Filter Enhancement

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