RX SOLUTIONS
Industrial X-Ray radioscopy and CT-scanners

HIGH RESOLUTION
3D MICRO COMPUTED TOMOGRAPHY
& DIGITAL RADIOSCOPY COMPACT SYSTEM

DeskTom

- 3D µCT scan
- Semi-automated wizard CT acquisition
- Real time high resolution digital radioscopy
- No maintenance
- 4 motorized motion axis
- 4 to 400 µm/voxel resolution
- Full inspection 25 cm (9.8”) long sample
- Small footprint

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Technical Specifications

Safety Cabinet	• Footprint : 1250 x 800 x 1800 mm / 49.2" x 31.5" x 70.9" • Lead / Steel construction and X-ray safety interlocks, designed to meet X-ray safety regulations. • Door with automatic locker during X-Ray emission. • Total weight of system: < 800 kg.
Mechanics	• High accuracy motorized rotation and translation axes.
X-Ray generator	• Sealed micro-focus tube. • Voltage up to 150 kV (several options available).
Imager	High resolution flat panel detector : • 1 920 x 1 536 pixels. • Active area: 20 x 25 cm. • 1-60 fps. • 127 µm pixel size. • 16 bits - 65 000 grey levels. • Very low noise and geometrical distortions. • Long life time. Other imagers available on request
Computers	• Various powerful GPU(s) configurations available. • PC, High resolution display screen, Windows 7.
Softwares	RX Solutions X-Act software: • Independant plugins to drive generator(s), imager(s), axes... • Other plugins available for : metrology, video sequence acquisition, image filtering and processing, image export... • CT acquisition : - semi-automooated wizard plugin - advanced plugin with options (360° rotation, stack, helical, continuous rotation, laminography...) • Learning/Macros mode from automated workflow • CT reconstruction : GPU implementation including various filters Post-processing software : 3D visualisation, metrology, CAD comparison, defect analysis : in option

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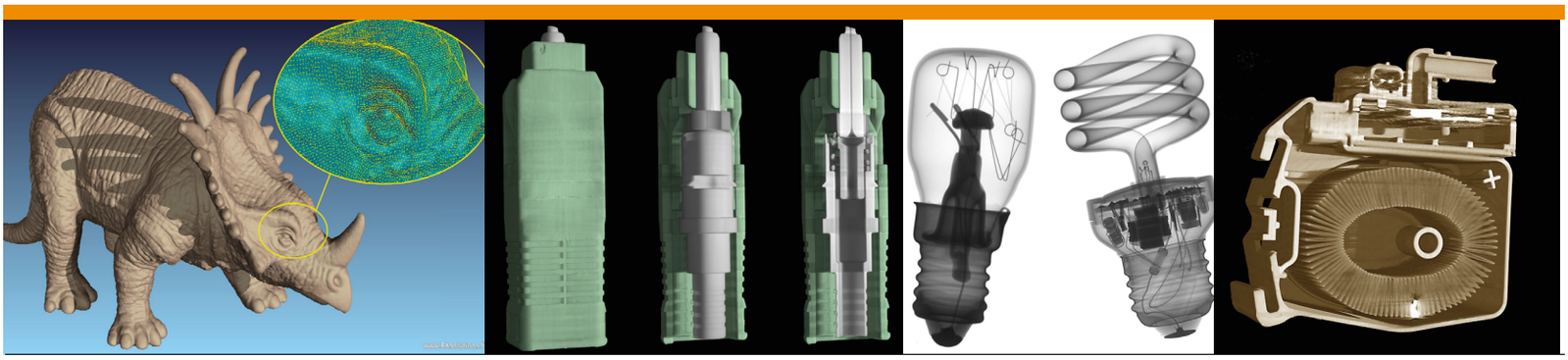

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