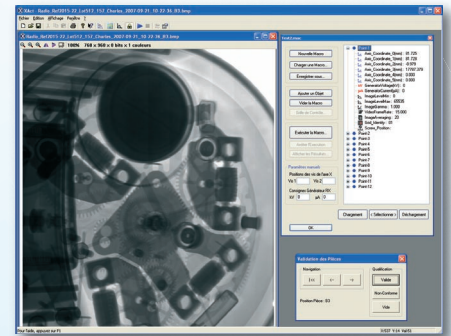


EasyTom-130

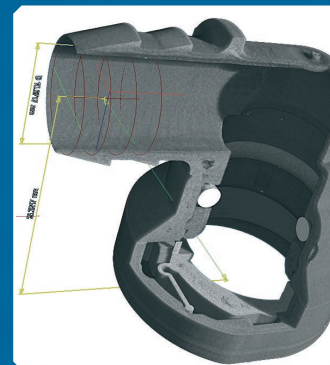
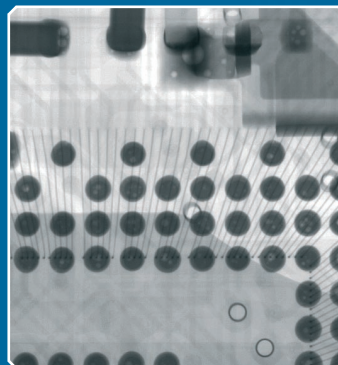
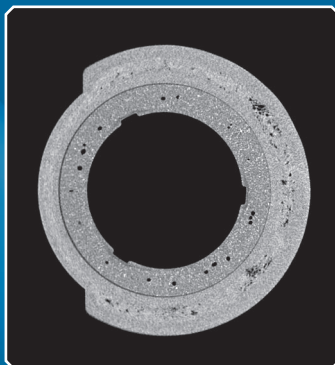
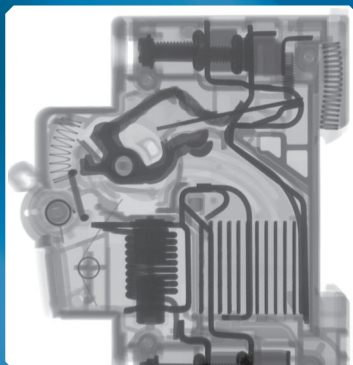


DIGITAL HIGH RESOLUTION RADIOLOGY & 3D MICRO-CT SYSTEM

- ▶ Real time high resolution digital radiology
- ▶ 3D micro-CT
- ▶ High versatility allowing a wide range of applications (plastics, alloy, steel)
- ▶ Multi-scale high resolution : parts from 5 to 200 mm (0.2 to 8") for an isotropic pixel size of 7 to 250 μm
- ▶ Large inspection volume, low space requirement
- ▶ Programmable automated serial controls

TECHNICAL SPECIFICATIONS

Cabinet	<ul style="list-style-type: none"> • Large inspection volume : inside dimensions 120 cm x 75 cm x 80 cm (47.2" x 29.5" x 31.5"). Distance generator - X-ray camera 70 cm (27.5"). • Lead / Steel construction and X-ray safety interlocks, designed to meet X-ray safety regulations. • Sliding access door with lead-glass viewing window.
Axes	Precision rotation stage and translation axes (vertical, horizontal and Zoom) with speed and position control.
X-ray generator	<ul style="list-style-type: none"> • Sealed micro-focus tube (spot size < 7 μm). • Voltage : 40-130 kV. • Anode current : 0-400 μA.
X-ray camera	<ul style="list-style-type: none"> • High resolution flat panel detector : 1920 x 1536 pixels. • Active area : 20 cm x 25 cm (7.9" x 9.8"). • Framerate : 1-30 frame per second. • Depth : 14 bits/pixels 16000 levels of grey. • Very high quality images. • Long life length.
Hardware	Including PC, flat screen, Windows XP , acquisition card.
Software	<ul style="list-style-type: none"> • X-ray generator control. • Axes control. • Images acquisition and processing. • 3D Tomographic reconstruction. • Optional 3D image processing software (visualization, dimensional measurement, CAD comparison, STL extraction, defect analysis...)



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