

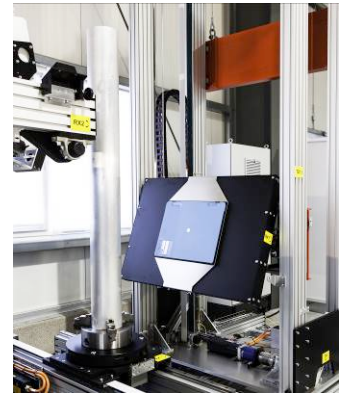
THE HIGH ACCURACY MICRO-FOCUS SYSTEM

Repetition accuracy below 50 micron

The XRH433^{Tower} was developed for high precision weld inspection. The system contains five CNC programmable axes and a simulated C arm to ensure a perpendicular setup. Especially the big magnification axis makes high quality micro-focus inspection possible. This system is a typical customized solution to test aerospace parts and can be easily tailored towards other inspection problems.

As always all hardware movements and software functions can be automated in sequences, through the programmable axes. The system is capable of advanced inspections like Automated Defect Recognition (ADR) and Computed Tomography (CT). As an image source all available detectors (DDA/FPD) or even CR and film can be chosen by the operator depending on the task. In this case a rod anode is added for butt weld inspection – in general all tubes are available up to 450kV.

Precise –



Reliable – Count on market-proven and certified image quality



Experience brilliant quality through the *Xplus* image enhancement system. VisiConsult is especially proud to be certified by the **NADCAP** and **Boeing 7042/7044** standards. With a successful installation at a global operating aerospace company the XRH433 is recognized for high end inspection of delicate parts.

The XRH433^{Tower} system is designed to speed up the inspection process of thin tubes for aircrafts. The image enhancement, handling system, safety control and the **DICONDE** storage are bundled into one comprehensive workplace for a maximum convenience.

Efficient – Speeds up the time-costly X-ray inspection with CR and film

VisiConsult as a solution provider has the philosophy that our customers should not adapt their processes to our systems but the other way around. Therefore, the dimensions of the XRH433^{Tower} can be modified to fit your inspection problem and area. If there is no inspection bunker, we can even deliver the system inside a foldable X-ray cabinet.

Our experienced engineering team is looking forward to hear about your inspection problem. Together we will achieve a high quality solution that reduces your overhead and costs. Contact us with more information.

