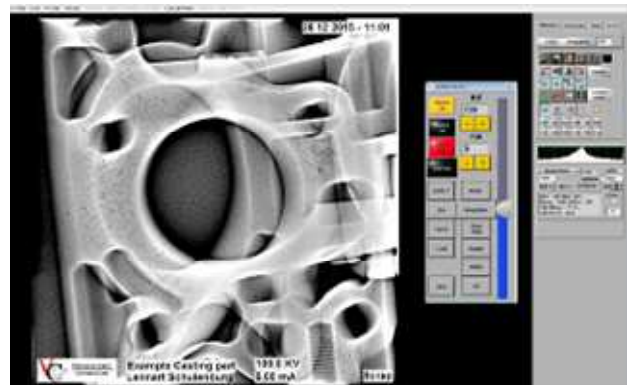


The in-house developed image enhancement system *Xplus* sets new industry standards in terms of usability and inspection quality. Next to a powerful enhancement toolbox the *Xplus* speeds up your inspection process. All available functions can be automated into sequence without any programming knowledge. This leads to a convenient One-Click inspection process that increases efficiency and reliability.

All major international industry standards like ASTM, EN17636-2, Boeing 7042/44, NADCAP etc. are fulfilled natively. VisiConsult is a highly agile and flexible company and therefore special software or even hardware requirements can be easily implemented on customer demand! The *Xplus* can work with all common suppliers of image sources (FPD/DDA, CR, film digitizer, LDA etc.), generators and tubes. This allows a maximum flexibility in component selection depending on the requirements. Our motto is that the solution should adapt to your process and not the other way around.

- Brilliant image quality through enhancement toolbox
- Easy measurement functionality for distances and area
- Powerful analysis modules like 3D CT and ADR
- Advanced storage capability like DICONDE etc.
- Compliant to ASTM, NADCAP, Boeing 7042 and many more



If the application is demanding 3D inspection the Computed Tomography (CT) module is able to perform 3D-reconstruction, porosity analysis. Actual-nominal comparison and many more. In case of high volume in-line inspection the Automatic Defect Recognition (ADR) module detects flaws and defect patterns without human interaction. To be highlighted is the advanced ADR that can even perform completeness checks, measurement tasks, density analysis and much more.

To store the inspection results the *Xplus* can save the image including an overlay or export everything in a ASTM compliant DICONDE database. For a better handling in production environment the software is completely controllable through a touch interface and has different user levels. Important functions and user-defined macros can be easily accessed. The X-ray components can be directly controlled through the software (generator, detector etc.) The software has multi-language support. For more details please refer to the specialized datasheet or your VisiConsult sales contact.

