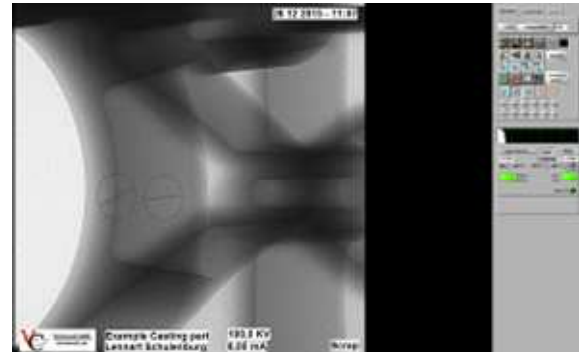


LIVE Filters

FOR BRILLIANT LIVE IMAGES

A huge advantage of the Digital Radiography (DR) is the real-time capability of many detectors. This feature makes time-costly integrations obsolete and in-motion testing possible. The drawback is a reduced image quality because of the missing noise reduction. To counter this problem VisiConsult developed *MotionDetect*, an intelligent feature that does an automatic noise reduction whenever it is possible even in live mode. To perform contrast enhancement, lookup table and negation filters the dynamic *LiveFilters* were introduced. Combined the results are brilliant images with a high dynamic range.

- Brilliant live images in for real time in-motion inspection
- *LiveFilters*: Invert, enhance or equalize X-ray images
- *MotionDetect*: Intelligent noise reduction
- Creates a -high dynamic range
- Highlighting defects for enhanced optical recognition



The *LiveFilters* are a powerful toolbox that allow to spread the grey values to look into areas with different wall thickness for a convenient inspection. At the same time defects will be highlighted by a contrast filter for an enhanced optical inspection. The effect of all these fine-tuned algorithms is activated by a single click.

Operators that are used to the film representation of X-ray images can easily negate the image for a more convenient inspection. All filters can be stacked or modified if necessary.

