

# DIGITAL X-RAY SYSTEMS

Vidisco Ltd. develops and manufactures portable digital X-ray solutions for a wide variety of NDT applications. Their wide selection of flat-panels, all operating on a single intuitive platform with easy-to-use software, are fully integrated with YXLON Copenhagen portable X-ray products, making field inspection agile, easy and smart.

**"THE SYSTEMS ARE DEVELOPED FOR  
FIELD INSPECTION AND PROVIDE  
LABORATORY QUALITY ON SITE."**

Eli Dayan, NDT Division Manager at Vidisco Ltd.

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## Digital X-ray imaging

Digital X-ray imaging based on flat-panel technology is the technology of the future. Compared to traditional film technology, digital imaging has numerous advantages as; instant imaging results, shorter exposure time, image enhancement in the post process and easy digital storage.

The digital technology eliminates the need for chemicals and other consumables which all add up the costs. Digital X-ray imaging contributes to a more efficient and a significantly smarter workflow, with a favorable return on investment.

To achieve the best images you need the best equipment, and the X-ray source is an essential part of the equipment. The SMART EVO portable X-ray systems made by YXLON Copenhagen, are based on reliable and stable constant potential high voltage technology, ensuring the required high quality digital imaging.

The SMART EVO product range from 160 kV to 300 kV is available with a 1.0 mm focal spot (EN 12543), which optimize the geometric un-sharpness and extend the boundaries for flaw detection size.

The SMART EVO product range can be remotely operated from Vidiscos software and is fully compatible with the Vidisco system. The combination of the Vidisco system and a SMART EVO portable X-ray system supports nearly all types of applications, ranging from inspection of low density materials up to heavy steel pipes.

## YXLON

Technology with Passion

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