
RSNA 2014: Agfa HealthCare Launches DX-D 40 Instant DR



Wireless, auto-trigger detector with AED can be instantly combined with existing X-ray systems, offering a very cost-effective solution to move to DR, with all the productivity, versatility and quality benefits of cassette-less Digital Radiography

- Independent, totally non-invasive, versatile and flexible DR image acquisition
- Excellent connectivity with DICOM compatible software and imagers provides a smooth workflow.
- Cassette-sized detector gives maximum convenience and portability.
- Choice of Cesium Iodide (CsI) and Gadolinium Oxy-Sulphide (GOS) detectors. CsI offers the potential for significant dose reduction.
- MUSICA image acquisition and processing software enhance image quality and ease of use.

Agfa HealthCare has announced the launch of its DX-D 40 digital detector with Automatic Exposure Detection (AED), offering a fast and easy way for radiography facilities to benefit from high-quality digital imaging using any X-ray equipment. Wireless and cable-free, it allows healthcare facilities, regardless of size or budget, to cost-effectively upgrade film and Computed Radiography (CR) mobile X-ray units to Digital Radiography (DR). With a worldwide installed base of close to 50,000 digital radiography systems already, Agfa HealthCare is again lowering the threshold to go digital.

Easy, instant connection to any X-ray unit

Installation of the DX-D 40 is quick, easy and non-invasive: the AED requires no electrical connection to the imaging unit, allowing the detector to work seamlessly with virtually any X-ray system. Combined with dedicated laptop, or a MUSICA image acquisition workstation plus System Control Unit (SCU) with integrated wireless workstation access point, it offers instant DR.

Complemented by Agfa HealthCare's next generation MUSICA image processing, the instant DR solution provides 'no-excuses' image quality with excellent contrast detail. The image processing software, which has been specially adapted and tuned to further enhance the excellent DR image quality, is exam- and body part-independent, providing consistently high image quality and very high diagnostic IQ. The MUSICA image acquisition workstation interface shares the same look and feel as Agfa HealthCare's CR solutions, and offers very fast previews, low cycle times and connectivity with Radiology Information Systems (RIS), Picture Archiving and Communications Systems (PACS) and Hospital Information Systems (HIS)

Convenience, productivity and workflow, with no-excuses image quality

Wireless and cable-free, the system offers maximum convenience, and is ideal for mobile X-ray units. Fast imaging cycle times improve both workflow and productivity. The DX-D 40 detector comes with a choice of Cesium Iodide (CsI) or Gadolinium Oxy-Sulphide (GOS) scintillators. CsI technology offers the potential for significant patient dose reduction.

"Agfa HealthCare's new DX-D 40 for instant DR is an excellent addition to our complete solutions portfolio for digital radiography," comments Louis Kuitenbrouwer, Vice President Imaging Division of Agfa HealthCare. "It allows healthcare facilities using either analog or CR to easily and cost-effectively upgrade to a DR solution from a proven leader. And with the DX-D 40 for instant DR, we are offering them a better Total Cost of Ownership (TCO), by combining a competitive system with lower operator costs and service costs over the lifetime of the system - without any compromises in image quality or productivity."

[Source and image credit: Agfa HealthCare](#)

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