DX-D 60

The DX-D 60 Digital Detector with Automatic Exposure Detection (AED) offers an effective way for radiography facilities to benefit from high quality digital imaging using any X-ray equipment.

- The easiest and most versatile way to go Direct Digital

- Automatic Exposure Detection (AED) allows seamless use with virtually all X-ray systems, maximizing the use of the existing X-ray equipment

- Improved workflow and examination speed

- Tethered cassette-sized detector: 17x17 inch (43 x 43 cm)

- Excellent connectivity with DICOM compatible software and imagers

- MUSICA processing for excellent contrast detail and examindependent, consistent image quality

- Choice of Cesium Iodide (CsI) or Gadolinium oxysulfide (GOS) detector scintillator

## The easiest way to upgrade your system to full DR

For conventional X-ray systems, the DX-D 60 Digital Detector, cassette-sized 17x17 inch (or 43 x 43 cm), offers general radiography facilities all the advantages of Direct Digital, while maximizing the use of their existing equipment.

The Automatic Exposure Detection (AED) means no electrical connection to the X-ray system is required, for seamless use with virtually all X-ray systems.

Faster and more efficient workflow

The DX-D 60 is an integral part of an Agfa HealthCare DR Retrofit solution, which includes the NX image acquisition software with MUSICA processing and detector. This cassette-less solution provides a range of workflow benefits that improve productivity and speed up exam time. To complete the workflow, images can be sent immediately to a PACS or imager in DICOM format.

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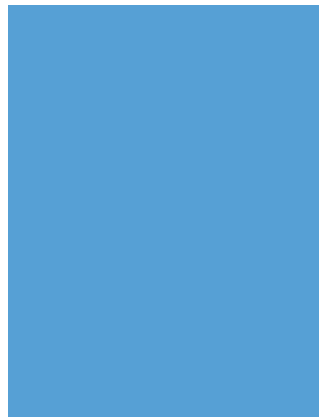
MUSICA and DR image quality: improved diagnostic confidence

The DX-D 60 is compatible with our 'gold standard' MUSICA image processing, which has been specially adapted and tuned to further enhance the excellent DR image quality. Exam-independent, it delivers consistent image quality and high contrast detail. Combining MUSICA with the high quality of the DX-D 60, in terms of both sensitivity and sharpness, provides improved diagnostic confidence and efficiency.

Services & Support

Agfa HealthCare offers service agreement solutions tailored to the customer's situation. Available in Basic, Comfort and Advanced levels, they make your lifecycle costs predictable. A worldwide team of some 1,000 service professionals can provide support at all phases of your project, and even help customize your examination tree or link RIS protocol codes, further improving your return on investment. This team goes well beyond maintenance support, offering value-added services such as super user training, staff training and software upgrades. Both extended warranty and drop insurance options are available.

Technical Specifications

DETECTOR

- **Detector type:** Amorphous Silicon with TFT
- **Scintillator:** CsI (Cesium Iodide) and GOS (Gadolinium oxysulfide)
- **Pixel pitch:** 140 µm
- **Active pixel matrix:** 3072 x3072 pixels
- **Active area size:** 430.08 mm x 430.08 mm
- **Effective pixel matrix:** 3060 x 3060 pixels
- **Effective area:** 428.4 mm x 428.4 mm
- **Grayscale:** 16 bit
- **Spacial Resolution:** Min. 3.5 lp/mm
- **Outer dimensions:** 460 mm × 460 mm × 15.5 mm
- **Weight:** 4.2 kg
- **Data transmission rate (Wired):** Max. 1Gbps
- **Energy Range Standard:** 40 – 150 kVp

ENVIRONMENTAL REQUIREMENTS

Operation

- **Temperature:** +10 ~ +35° C
- **Humidity:** 30 ~ 85% (Non-condensing)
- **Atmospheric pressure:** 70 ~ 1060 hPa
- **Shock:** 1.6 G
- **Vibration:** 0.7 G
- **Drop limits:** Max. 500 mm

Storage and transportation

- **Temperature:** -15 ~ +55° C
- **Humidity:** 10 ~ 90% (Non-Condensing)
- **Atmospheric pressure:** 50 ~ 1060 hPa
- **Shock:** 20 G
- **Vibration:** 0.7 G
- **Drop limits:** Max. 500 mm

SYSTEM CONTROL UNIT

Power supply

- **Input:** AC100 to 240V, 50/60 Hz, Max. 2.0-0.8A
- **Output:** DC +24V 3.25A, 78W

Cabling ports

- Gigabit Ethernet Ports – 3EA
- Power over Ethernet Ports – 2EA
- **Wireless communications:** IEEE 802.11n (2.4 GHz/5 GHz)
- **Dimensions (W × H × D):** 300 mm × 235.8 mm × 58 mm, Antenna height – 140 mm
- **Weight:** 2.5 kg

MINI SYSTEM CONTROL UNIT

Power supply

- **Input:** DC +24V 2A Max

Cabling ports

- Gigabit Ethernet Ports – 3EA
- Power over Ethernet Ports – 1EA
- **Wireless communications:** IEEE 802.11n (2.4 GHz/5 GHz)
- **Dimensions (W × H × D):** 210 mm × 170 mm × 45 mm, Antenna height – 140 mm
- **Weight:** 1.2 kg

About Agfa HealthCare

Agfa HealthCare is a leading provider of diagnostic imaging and healthcare IT solutions for hospitals and care centers around the world. The business group is a major player on the diagnostic imaging market, providing analog and digital technology, as well as IT solutions to meet the needs of specialized clinicians. The business group is also a key provider on the healthcare information solutions market, integrating the administrative, financial and clinical workflows of individual hospitals and hospital groups. ■

www.agfahealthcare.com

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