

# DX-D 25C

## COMPACT PORTABLE DIGITAL DETECTOR WITH HANDLE

Compact and light, with a convenient handle for placement, the DX-D 25C Digital Detector is easy to work with, offering radiography facilities all the benefits of high quality digital imaging using their existing X-ray equipment.

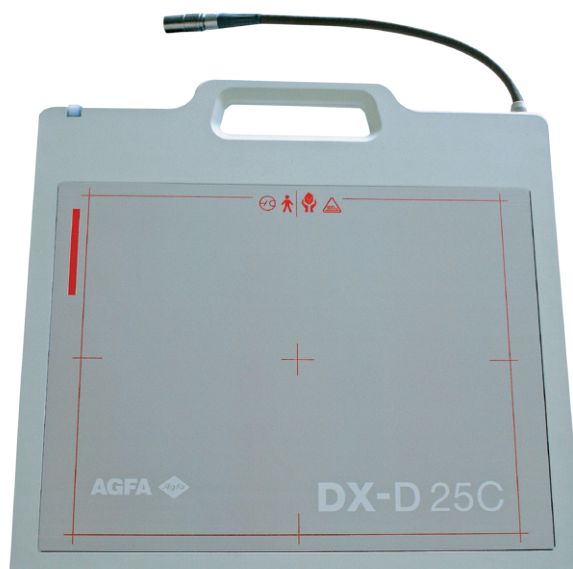
- Provides a fast and effective way to go Direct Digital
- Maximizes existing equipment investment
- Offers convenience and portability, with a handle for carrying and positioning
- Ideal for exams that require a compact, light and easy to manipulate detector
- Improves workflow and exam speed
- Excellent connectivity to DICOM compatible software and imagers
- Cesium Iodide (CsI) detector conversion screen
- Small pixel size gives more image information, for improved diagnostic confidence
- MUSICA processing for excellent contrast detail and exam-independent, consistent image quality

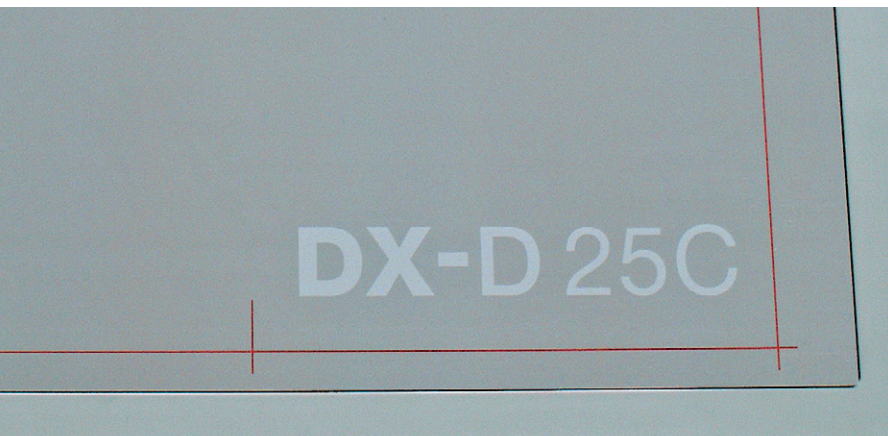
### An easy way to go Direct Digital

For both conventional and mobile digital X-ray systems, Agfa's DX-D 25C Digital Detector offers radiography facilities all the advantages of Direct Digital, while maximizing the use of their existing equipment. It is an integral part of an Agfa Imaging or Integration package, which include an NX with MUSICA processing, XRD Interface and detector.

### Easy handling and versatility

At 40.3 cm x 42.2 cm, the DX-D 25C is compact, light and convenient. The strong enclosure surrounding its 26 x 32 cm detector includes a handle for easy placement. The overall ease of handling makes this flat panel detector versatile for all exams.





### Faster and more efficient workflow

The DX-D 25C is part of a cassette-less and filmless solution, providing a wide range of benefits that improve workflow and speed up exam time. These benefits include immediate retakes without changing cassettes, and the elimination of the risk of mixing up patients' cassettes. The number of images is no longer limited by the number of cassettes available, and the images can be sent immediately to a PACS or imager in DICOM format.

### Improved diagnostic effectiveness

The very small pixel size - 127  $\mu\text{m}$  - of the DX-D 25C means each image has more image information: 5 megapixels. More image information enhances diagnostic confidence.

### MUSICA: tuned for the best results

The DX-D 25C 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 provides consistent image quality and high contrast detail.

## Technical Specifications

### DETECTOR

- **Detector type:** Amorphous Silicon with TFT
- **Conversion screen:** CsI:TI
- **Active pixel area (H x V):** 259 x 320 mm
- **Active pixel matrix (H x V):** 2040 x 2520 pixels
- **Pixel Pitch:** 127 µm
- **Outer dimensions (H x W x T):**  
403 x 422 x 22 mm
- **Weight:** 3.4 kg

### Environmental requirements

#### Operation

- **Temperature:** +5 ~ +35° C
- **Humidity:** 10 ~ 75% Rh (non condensing)
- **Atmospheric pressure:** 70 ~ 106 kPa

#### Storage and transportation

- **Temperature:** -10 ~ +55° C
- **Humidity:** 10 ~ 80% Rh (non condensing)
- **Atmospheric pressure:** 70 ~ 106 kPa

### X-ray Operating Conditions

- **X-ray Generator Voltage Range:** 40 – 150 kVp
- **X-ray Maximum Linear Dose:** 72 µGy

### Power supply

- **Power Input:** 100-120/210-230 V  
50 Hz/60 Hz
- **Power consumption:** Max. 50 W
- **Size (W x D x H):** 224 x 260.5 x 55 mm
- **Weight:** 3.75 kg

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For more information on Agfa, please visit our website on [www.agfa.com](http://www.agfa.com) ■

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