

AGFA DX-D 40

Draadloos DR Flatpanel met Musica³

- The easiest and most versatile way to go Direct Digital
- High resolution, light-weight and small cassette-sized detector gives maximum convenience and portability and ideal for use in pediatrics, for extremities and special examinations
- 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
- Excellent connectivity with DICOM compatible software and imagers
- MUSICA processing for excellent contrast detail and exam-independent, consistent image quality
- Choice of Cesium Iodide (CsI) or Gadolinium Oxy-Sulphide (GOS) detector scintillator

X-Ray Verachttert Digital nv

Bisschoppenhoflaan 662
2100 Deurne

Telefoon: +32 (0)3 239 05 79

Fax: +32 (0)3 218 50 61

E-mail: info@xrayverachttert.be

www.xrayverachttert.be

DX-D 40

DIGITAL AED DETECTOR

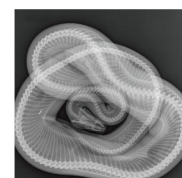


MUSICA³



Bijzondere kenmerken :

- Detector formaat van 35 x 43 cm
- Altijd het beste beeld dankzij de Agfa Musica³ technologie
- CSI technologie voor het scherpste beeld met 140µm pixels
- Volledig draadloos systeem met draadloze generator mogelijk
- Lage onderhoudskosten, en service door Verachttert Digital



Technical Specifications

DETECTOR

- **Detector type:** Amorphous Silicon with TFT
- **Conversion screen:** CsI and GOS
- **Pixel pitch:** 140 µm
- **Active pixel matrix:** 2560 x 3072 pixels
- **Active area size:** 358.4 mm x 430.1 mm
- **Effective pixel matrix:**
 - CsI: 2548 x 3060
 - GOS: 2560 x 3072
- **Effective area:**
 - CsI: 356.7 mm x 428.4 mm
 - GOS: 358.4 mm x 430.1 mm
- **Grayscale:** 14 bit
- **Spacial Resolution:** Min. 3.5 lp/mm
- **Outer dimensions:**
384 mm × 460 mm × 15 mm (ISO 4090)
- **Weight:**
 - CsI: 3.4 kg
 - GOS: 3.3 kg
- **Wireless data transmission:**
IEEE 802.111a/b/g/n, 2.4 GHz/5 GHz,
- **Energy Range Standard:** 40 – 150 kVp
- **Recommended cycle time:** 15s

Environmental Requirements

Operation

- **Temperature:** +10 ~ +35° C
- **Humidity:** 30 ~ 85% (Non-condensing)
- **Atmospheric pressure:** 70 ~ 106 kPa
- **Shock:** 1.6 G
- **Vibration:** 0.7 G
- **Drop limits:** Max. 700 mm

Storage and transportation

- **Temperature:** -15 ~ +55° C
- **Humidity:** 10 ~ 90% (Non-Condensing)
- **Atmospheric pressure:** 50 ~ 106 kPa
- **Shock:** 20 G
- **Vibration:** 0.7 G
- **Drop limits:** Max. 700 mm

BATTERY SPECIFICATIONS

- **Type:** Lithium Ion Polymer Battery
- **Capacity:** 4000 mAh
- **Nominal Voltage:** 7.4V
- **Charging time:** 2 Hours
- **Operation time:** 4 hours
- **Cycle life:** Approx. 500 cycles,
Capacity ≥ 80% (100% = 4,000 mAh)

SYSTEM CONTROL UNIT

Power supply

- **Input:** AC100 to 240V, 50/60 Hz, Max. 200VA
- **Output:** DC +24V 3.3A, 80W

Cabling ports

- Gigabit Ethernet Ports – 3EA
- Power over Ethernet Ports – 2EA
- **Wireless communications:**
IEEE 802.11a/b/g/n (2.4 GHz/5 GHz)
- **Dimensions (W × H × D):**
300 mm × 235.8 mm × 58 mm,
Antenna height – 105 mm
- **Weight:** 2.5 kg

Environmental Requirements

Operation

- **Temperature:** +10 ~ +35° C
- **Humidity:** 30 ~ 85% (Non-condensing)
- **Atmospheric pressure:** 70 ~ 106 kPa

Storage and transportation

- **Temperature:** -15 ~ +55° C
- **Humidity:** 10 ~ 90% (Non-Condensing)
- **Atmospheric pressure:** 50 ~ 106 kPa
- **Altitude:** Maximum 2000 meters

Voor verdere informatie, neem contact met :

X-Ray Verachttert Digital nv

Bisschoppenhoflaan 662
2100 Deurne

Telefoon: +32 (0)3 239 05 79

Fax: +32 (0)3 218 50 61

E-mail: info@xrayverachttert.be

www.xrayverachttert.be