



Auto-Positioning U-Arm DR System

Fully integrated U-arm with a Canon CXDI-Pro detector

Model: AAU Elite with Canon DR-CXDI



This U-arm puts the tube and a single Canon CXDI detector on one motorized arm, so one compact room covers almost every general radiography exam. Exams are driven from the worklist, and patients can be imaged standing, seated or lying down, with an optional mobile table for table work.

■ Auto-positioning

18 customizable presets move the tube and detector into position, which speeds up even challenging exams.

■ Automatic image stitching

Long-length and scoliosis exams with up to four images, stitched pixel to pixel by Canon software.

■ Constant alignment

Tube and detector are fixed to the same arm, so they never drift out of alignment.

■ Built-in safety

Collision sensing, brakes on every axis, and a slow speed mode for moving near patients.

■ Convenient controls

Large display of arm and detector rotation, detector-side controls and a handheld remote.



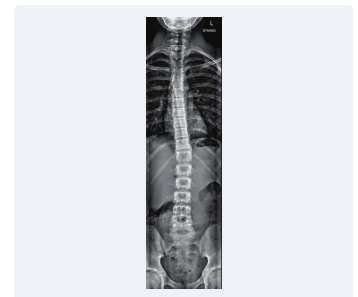
With optional mobile table



40-in. and 72-in. SID positions



Handheld remote control



Automatic stitching for long-length exams

Specifications

Canon CXDI-403C wireless detector		Canon CXDI Control Software NE	
Imaging area	17 x 17 in (426 x 426 mm)	• Windows 11 supported • Interactive interface for intuitive operation • IHE (Integrating the Healthcare Enterprise) compliant • Image rotation, user and connection authentication • Flexible DICOM setup for worklist and export of images and reports • Cybersecurity provisions including IHE ATNA (secure DICOM and audit trail) • Dose reporting with RDSR, MPPS and exposure logs	
Image matrix	3040 x 3040 pixels		
Weight with battery	7.7 lb (3.5 kg)		
External size	18 x 18 x 0.6 in (460 x 460 x 15 mm)		
MTF	Typical 35% (2 lp/mm)		
Method	Flat panel: CsI scintillator with amorphous silicon (a-Si)		
Pixel size	140 µm		
Limiting resolution	3.5 lp/mm		
Grayscale	16-bit A/D		
DQE	Typical 65% (0 lp/mm), 58% (0.5 lp/mm)		
Ready time / preview / cycle	< 4 s / 1 s / < 4 s		
Dust and water rating	IP55		
Battery	> 1,500 images at 7 s cycle; charge approx. 150 min		
Wireless	IEEE 802.11ac, 2.4 GHz and 5 GHz		

Image processing

- Image stitching of up to four images
- Advanced Edge Enhancement for tubes, catheters and bone detail (three algorithms)
- Optional Scatter Correction: grid-like contrast without a grid, lighter detector handling, no grid artifacts, lower dose

Sold, installed and serviced by Sharp Imaging Solutions

- **Site planning and installation.** Room review, deinstallation of old equipment, installation and calibration.
- **Canon CXDI DR.** Authorized Canon dealer and service provider for detectors, software and DR upgrades.
- **Connectivity.** DICOM worklist and PACS setup, with training for your technologists.
- **Service and parts.** Preventive maintenance, repairs and parts for multi-vendor X-ray equipment.

Request a quote

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