AMRAD ❖ Medical
by Summit Industries

AAU ELITE U-arm System
with Canon DR

Maximum Flexibility, Minimal Space

Designed to give maximum flexibility with a minimal footprint, the AAU Elite system is an advanced, fully-integrated DR System that is driven through worklist commands. Ideal for all radiographic procedures including standing, seated, and recumbent positions.

Large display of arm and detector rotation

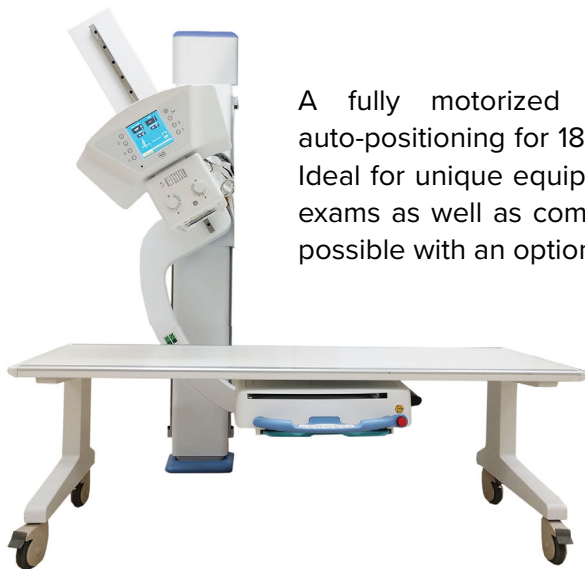Refine equipment positions with the conveniently located control panel

Detector-side controls for efficient equipment positioning refinements

Increase efficiency with the remote control

AAU Elite - Canon DR

A fully motorized single-detector U-arm system with auto-positioning for 18 customizable pre-programmed studies. Ideal for unique equipment positions required for challenging exams as well as commonly used positions. Table exams are possible with an optional mobile table.
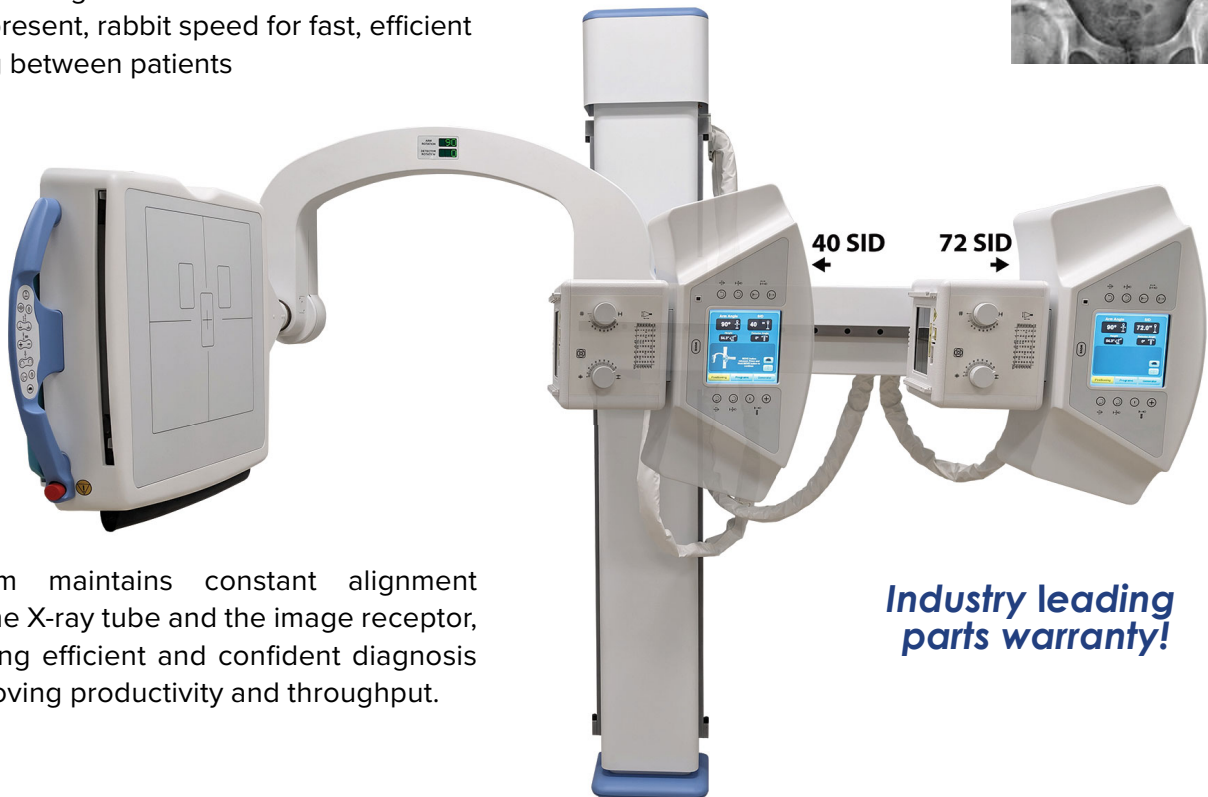
Seamless Stitching

Perform LLI and Scoliosis exams with accuracy and ease using the automated equipment and optional automatic stitching function.

Safety Features

- Intelligent anti-collision system makes patient positioning quick, easy and safe
- Floor-to-wall mounted support
- Electromagnetic brakes for all movements
- Turtle speed for gentle movements when a patient is present, rabbit speed for fast, efficient positioning between patients

40 SID **72 SID**

The U-arm maintains constant alignment between the X-ray tube and the image receptor, guaranteeing efficient and confident diagnosis while improving productivity and throughput.

Industry leading parts warranty!

Powered by
Canon CXDI-Pro DR

Essential Features,
Exceptional Reliability

Canon CXDI-Pro DR is designed to support the demands of medical imaging departments for cost-effective solutions without compromise. Fully integrated with the AMRAD Medical AAU Elite, the Canon CXDI-Pro wireless digital radiography systems provide features that optimize workflow and offer high quality imaging and reliability you can count on.

Protection

Contact with fluids is inevitable, particularly in emergency and high-dependency care. The IP55 protection against liquid and dust entering the FPD provides you with extra assurance in the product, while it is in use under challenging conditions, or when cleaning the product for safety.
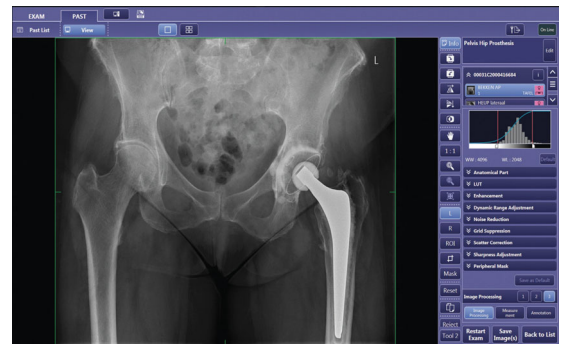
**Canon CXDI-403C Detector
17" x 17" (7.7 lb. with battery)**

CXDI Control Software NE

The CXDI-Pro series wireless detectors require CXDI Control Software NE to operate. The software is exclusively for use with Canon CXDI Wireless Detectors and helps to optimize workflow while producing high-quality images.

- Operates on Windows 10
- IHE compliant
- Flexible DICOM configuration for worklist and export of images and reports
- Scatter Correction feature for non-grid exams
- Optional image stitching function for up to four images

Imaging without Scatter Correction feature

Imaging with Scatter Correction feature without grid

CXDI-Pro Digital Radiography Specifications [1]

Quick Ready detector is ready to go in as little as 4 seconds!

Model Name	**CXDI-403C Wireless**
Purpose	General Radiography
Method	Flat panel detector: scintillator & amorphous silicon (a-Si)
Scintillator	Cesium Iodide
Weight (incl. Battery)	7.7 lb (3.5 kg)
Effective Imaging Area	17 x 17 in (426 x 426 mm)
External Dimensions	18 x 18 x .6 in (460 x 460 x 15 mm)
Image Matrix Size	3040 x 3040 pixels
Pixel Size	140 um
Limiting Resolution	3.5 lp/mm
Grayscale	A/D: 16 bit
DQE	Typical 65% (0 lp/mm), 58% (0.5 lp/mm)[2]
MTF	Typical 35% (2 lp/mm)
Time for ready	< 4 seconds[3]
Preview Image Time	1 second[3]
Cycle Time	< 4 seconds[3]
Dust, Water-Resistance Rating	IP55 (For dust protection against limited dust ingress and water protection against low pressure water jets from any direction)[6]
Battery Performance	>1,500 images @ 7 second cycle, >140 images @ 100 second cycle
Charging Performance	Battery charging time approx. 150 min.[5]
Wireless Standard	IEEE802.11ac
Wireless Channel/Band	2.4 GHz, 5 GHz

[1] Specifications subject to change

[2] 0 lp/mm is extrapolated value IEC62220-1-1 2015 (RQA5)

[3] Depending on acquisition mode

[4] Based on tests conducted by an independent institution. Certification does not guarantee against failure or damage.

[5] At an ambient temperature of 77°F.

Detector stand is sold separately.

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A NETWORK OF SERVICE & SUPPORT

Summit Industries' successful service network surrounds you with a dynamic team of exceptional experts. Your organization and your patients will benefit from the experience and best practices that only Summit Industries and their Authorized Dealer Network can offer.

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