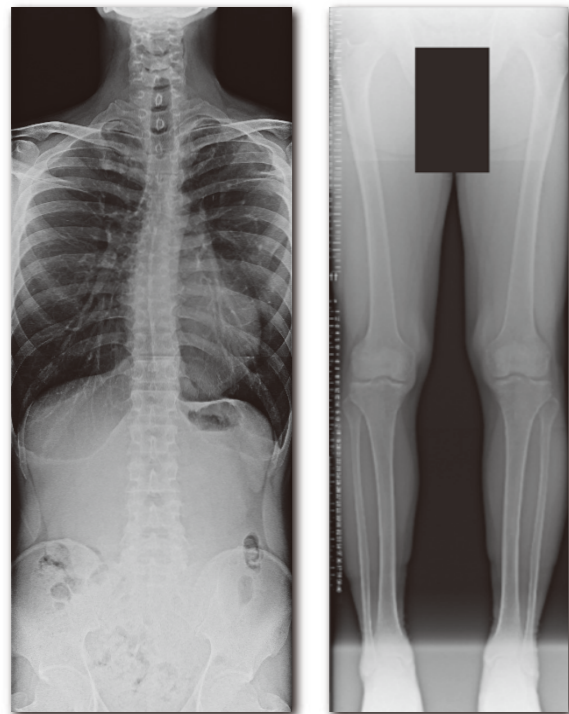


AeroDR Auto-Stitching System Specifications

Specifications	Detail
Applicable FPD	AeroDR 14" x 17" HQ/S
Vertical exposure range (Effective image size)	SID2.4m 47inch 1,196.45 x 349.3mm (6,836 x 1,996 pixels)
	SID2.0m 39inch 997.04 x 349.3mm (5,697 x 1,996 pixels)
	SID1.5m 32inch 807.69 x 349.3mm (4,615 x 1,996 pixels)
	※ The exposure area depends on the X-ray tube and the collimator's maximum irradiation field angle; therefore, the ranges above may not be attainable.
Power	AC120V, AC220-240V (50Hz/60Hz)
Marker	No markers required. Stitching application displays digital markers on the console screen.
Pixel size	175 μm
Holding time of patient during an examination	16 seconds or less <condition> Duration from the first exposure to completion of the third exposure.
Maximum vertical travel range	850 mm or less

* Specifications are subject to change without prior notice.



KONICA MINOLTA

AeroDR

Auto-Stitching System



KONICA MINOLTA

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Giving Shape to Ideas

Easy to Use, Fast and Affordable!

Why so quick!

AeroDR Auto-Stitching System

Introducing a unique auto-stitching system with the AeroDR flat panel detector for high image quality and excellent workflow that is applicable to any X-ray system. In general, existing DR stitching process requires the patient to remain still for extended periods of time. However, using the AeroDR Auto-Stitching System allows studies to be performed in much less time due to the automatic movement of the detector and specialized slit combination.

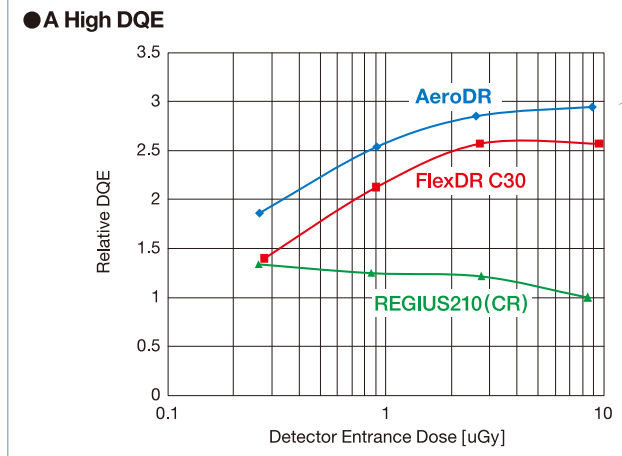
Unique



High Image Quality at Low X-ray Dose Comparing to CR

The optimal combination of the AeroDR detector using a Konica Minolta CsI scintillator combined with the newly developed low noise readout ICs delivers a high DQE*. * DQE... Detective Quantum Efficiency

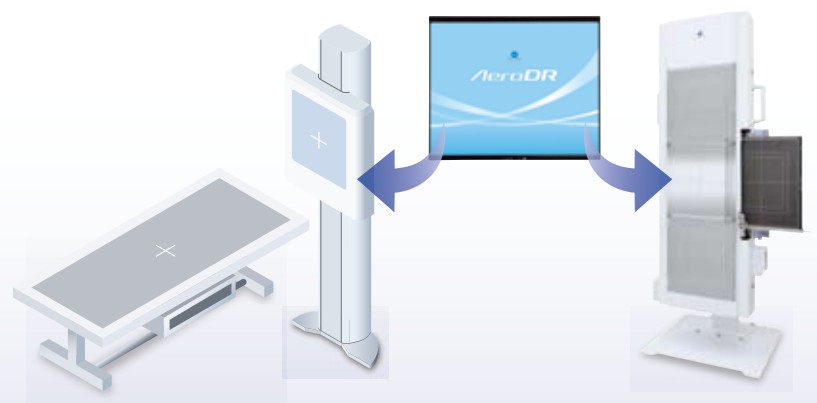
High DQE



Share

Shared FPD solution

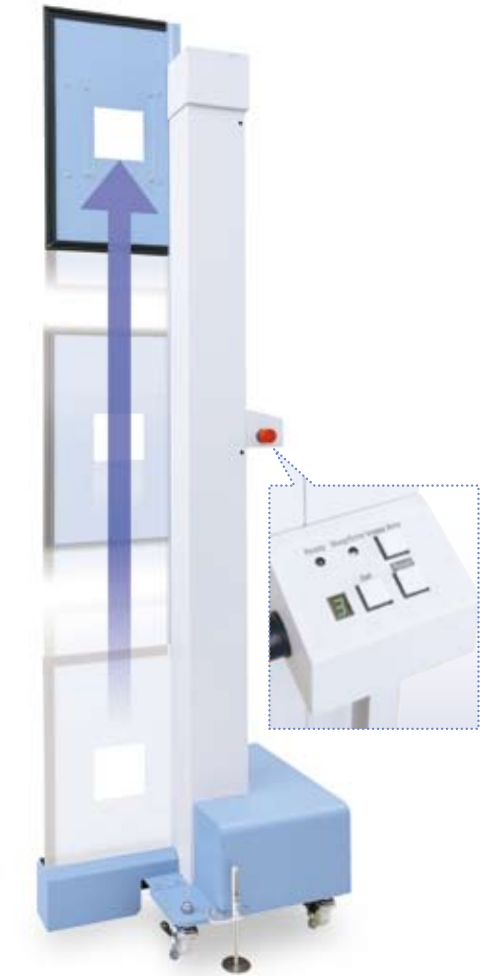
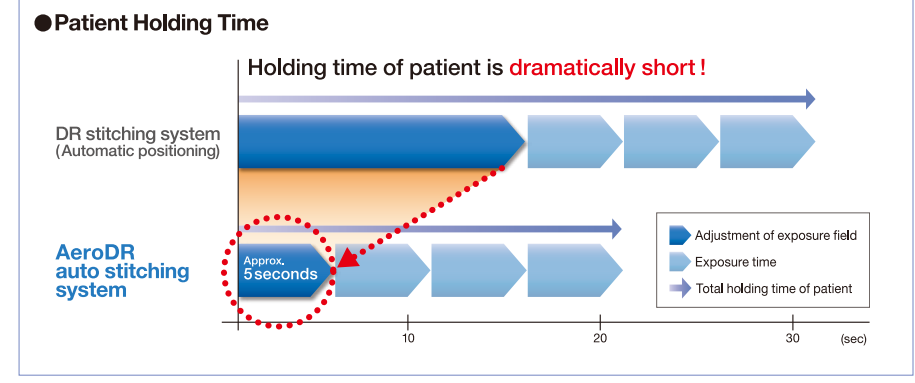
The AeroDR flat panel detector can be shared for not only cassette wireless digital radiography but also our unique auto-stitching system.



Easy Setting the Entire Exposure Range

Approx. 5 seconds

A moving slit scans light exposure field and detects the upper and lower edge of the field, then the system automatically determines the number of exposures and each position in just 5 seconds which is much shorter than alternative DR stitching systems. This unique slit can dramatically reduce the time it takes to complete stitching exams and significantly improve the technologist's workflow.



Stitching process of AeroDR Auto-Stitching System

During auto-stitching process, alignment of the panel and the X-ray beam via the specialized AeroDR slit mechanism is automatically performed for each study. The X-ray tube remains stationary throughout the entire study and acquired images are automatically transferred to the CS-7 console as they are acquired. After exposure is complete, an auto-stitched image appears on the display of the CS-7 console in just 18 seconds or less.

