



ADORA DRFi

Flexible, Ergonomic
& Innovative



Canon
CANON GROUP



Flexibility is key

Lateral examinations without repositioning the patient

Through an extensive development collaboration among users, engineers and designers, Adora DRFi represents an X-ray solution which combines outstanding technical quality with a unique approach to user friendly design.

The telescopic arms supporting the X-ray tube and detector dock can be moved, angulated and positioned individually or in various tracking modes matching examination requirements and user preferences. The philosophy is: move Adora, not the patient.



The durable carbon fiber patient table with floating top, 551 lbs. load capacity and up to 340° rotation around the base ensures easy patient access all around the table, and optimum conditions even in small rooms for examinations in wheelchairs and stretchers.





Functionality by design

The unique positioning flexibility stems from Adora's unique, patented design. Adora's tube and detector are suspended in one ceiling unit rotating $\pm 270^\circ$ around its center suspension axis. This facilitates e.g. cross-table projections from each side of the table—enabling both right and left axial hip imaging, without repositioning the patient.

Unique versatility

Imagine any projection, perform it, and save it as an auto-position for future use. Make micro adjustments using the joystick, and angulate tube and detector to capture even the most demanding projections.

Imagine any projection
and perform it—either fully
automated or manually

No more heavy lifting!
Move the system—not the patient.



Minimize stress on staff and
maximize patient comfort

State-of-the-art ergonomics

Inspired by users

Each element and functional aspect of Adora DRFi has been designed with end users in mind. Fueled by dialogue with users, Adora DRFi gives you the advantage of more intuitive controls for enhanced efficiency, optimized workflows, and easy selection from a range of predefined standard positions.

At the heart of the design, Adora is built with the belief that X-ray technology should support professionals—not define their workflow. Adora's design with the rotating ceiling unit and independently moving X-ray tube and detector arms, allows the system to perform exposures from practically any angle. PositionAnywhere means that with Adora DRFi, you move the system—not the patient.

Fully automated movements eliminate the need for staff to manually handle the system, lessening the risk of repetitive stress injuries amongst radiographers. In addition, the optional integrated patient hoist makes patient transfers from wheelchairs or beds to the Adora DRFi table easy and ergonomically correct.



Intuitive controls



User interface

A large 12" floating touch screen on the tube displays and controls the joystick movements. The interface tilts with tube angulation to be horizontal to the user at all times.

Short menus and self-explanatory icons guide the user through the imaging process. The user has integrated access to generator parameters and an image preview.



Making manual operation easier

With Adora DRFi, even manual adjustments are stress free, using the system's joystick and motor-assisted movements with one degree accuracy. The ergonomic joystick gives the user smooth, power assisted manual control of movements in the X, Y and Z plane at the same time.

Simple and automatic stitching

Stitching is a simple three-step, automatic approach based on image acquisition from either standing or supine patients. After collimation and setting the start and ending points, the system calculates the number of images required, and the acquisition is simply done by pressing a push-button.

The stitching stand rotates forward from behind the patient grip stand for image stitching. Both grid and air-gap technique (variable patient-detector distance) can be used and a patient foot step is included.

Power of automation

Reduce manual handling to a minimum

The inMotion auto-positioning technology enables direct, fast and intelligent automatic positioning of the detector and tube to any saved position with all examination parameters pre-set.

Any position can be preprogrammed or saved on-the-fly. Preferred positions can be saved and recalled at any time, for fast and fully automatic positioning.

999 Auto-positions

Up to 999 APRs and associated auto-positions with all image acquisition parameters can be programmed to match user preferences; auto-positions reflect optimum workflows and reduces manual handling.



Combines radiography,
low dose fluoroscopy
and serial imaging

Efficient examination
throughput and increased
patient comfort

A perfect match for the
fluctuating needs of
Radiology departments

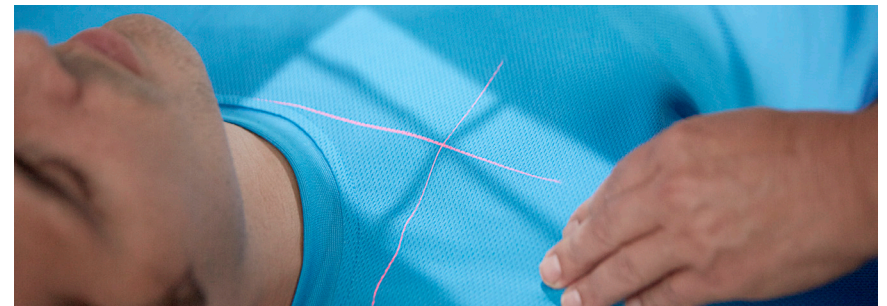
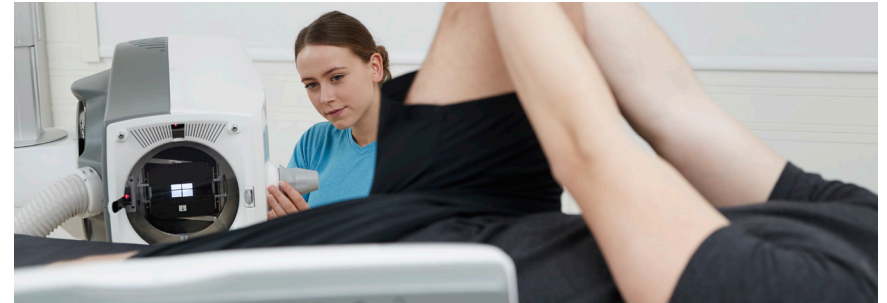


A hybrid solution inspired by you

Rethink the DR room with Adora DRFi and get one system capable of excellent static radiography, serial imaging and low dose fluoroscopy. With its excellent multipurpose capabilities, Adora DRFi is a versatile solution that fits perfectly in any radiology department.

Adora DRFi allows you to manage more with less—less effort, less resources and fewer examination rooms. Motorized lateral movement of the Adora table makes fine positioning of the patient even easier, and it can be performed from any of the Adora user interfaces: on the tube, on the inControl or remotely from the control room.

Adora DRFi incorporates the new 42 x 43 cm CXDI-B1 dynamic detector that offers a high level of flexibility in any DR room. This light weight detector can be docked in the detector housing for a variety of fluoroscopy and DR exams, while its wireless capabilities allow for seamless DR imaging undocked, throughout the exam room, which reduces the need for additional wireless detectors.



Adora DRFi helps you boost
workflow efficiency and
equipment utilization

Be inControl

Convenient. Mobile. Ergonomic.

inControl provides a convenient way of positioning and controlling the system from within the room. Designed to be used during in-room fluoroscopy procedures, it provides full control of the functions you need during an in-room procedure.

Four ergonomic joysticks give you easy access to key control functionalities of Adora DRFi such as moving the positioner, choosing tracking modes and adjusting the collimator. Use the 4th joystick to control your desired custom functions for ultimate adaptability.

Motorized movement means that the inControl height can be effortlessly and seamlessly adjusted to the individual using it—ensuring that an ergonomic work environment is maintained. Built in sensors in all joysticks, ensure that they are only active when you want them to be. inTouch technology senses the touch of a finger at the top of the joystick, making this a seamless, yet effective safety feature.



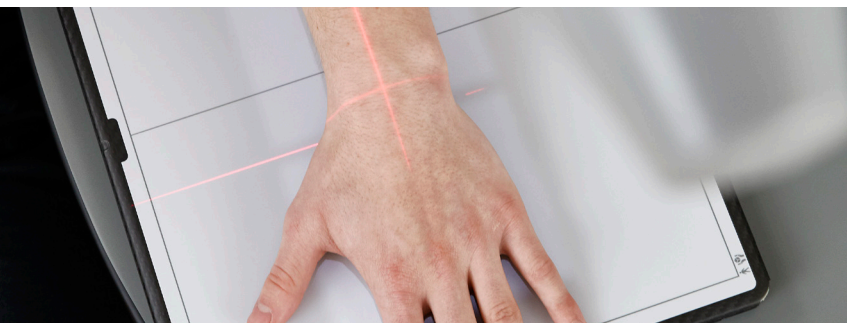


Control room operation

Intuitive control from the control room

Adora DRFi features complete remote control from the control room using the ergonomic joystick and the user interface.

The user interface is identical with the interface on the tube display, and tube joystick—with capacitive sensors to prevent unintended movements—enables the same manual operation with smooth, precise power-assisted movements as in-room operation of the Adora DRFi.



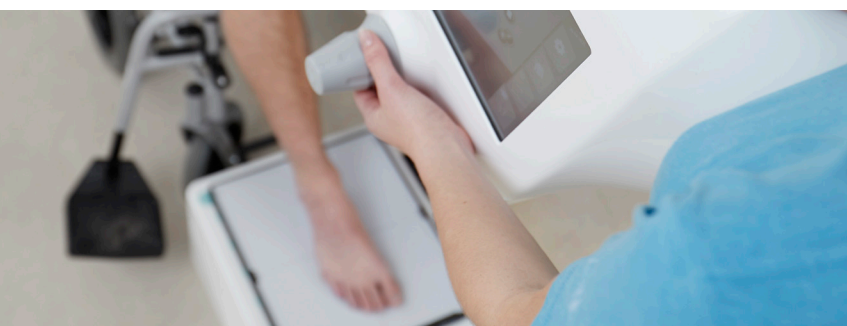
Outstanding image quality

A wide range of high-quality flat panel detectors from Canon is the cornerstone of the Adora system configurations. The Canon detectors and CXDI software provide fast, high quality, digital image capture on demand and cover an extensive range of radiographic examinations.



With Adora DRFi, one detector is all you need. In addition to the docked detector, Adora DRFi supports up to two wireless detectors. Thus, ergonomics and examination flexibility can be further enhanced by adding a wireless detector to the configuration.

Intuitive Canon software provides sophisticated image processing for premium diagnostic image quality that comes standard with Scatter Correction (reduces dose and eliminates grid artifacts)¹ and Advanced Edge Enhancement (improves visualization of tubes, catheters, and bone detail).²



The extensive portfolio of Canon wireless detectors ensures the highest performance in workflow, sensitivity, image quality³ and versatility, and can be shared between X-ray rooms and portables.

¹ Precht H, Mørup S.D, Tingberg A, Outzen C.B, Kusk K.W, Nielsen R.M, Midtgård M, Winther M.B, Waaler D, Kusk M.W. Can scatter correction software replace a grid in DR pelvic examinations? Radiat. Prot. Dosim. 2019; 187: 8-16

² C.B. Outzen a, D. Maron a, J. Nissen a, J. Munk a, L.M. Grau b, D. Juhl b, H. Precht. The influence of a novel edge enhancement software on image quality of DR hand images of patients with rheumatoid arthritis. ELSEVIER, 2021

³ Precht et al (2014) J Digit Imaging 1: 68-76

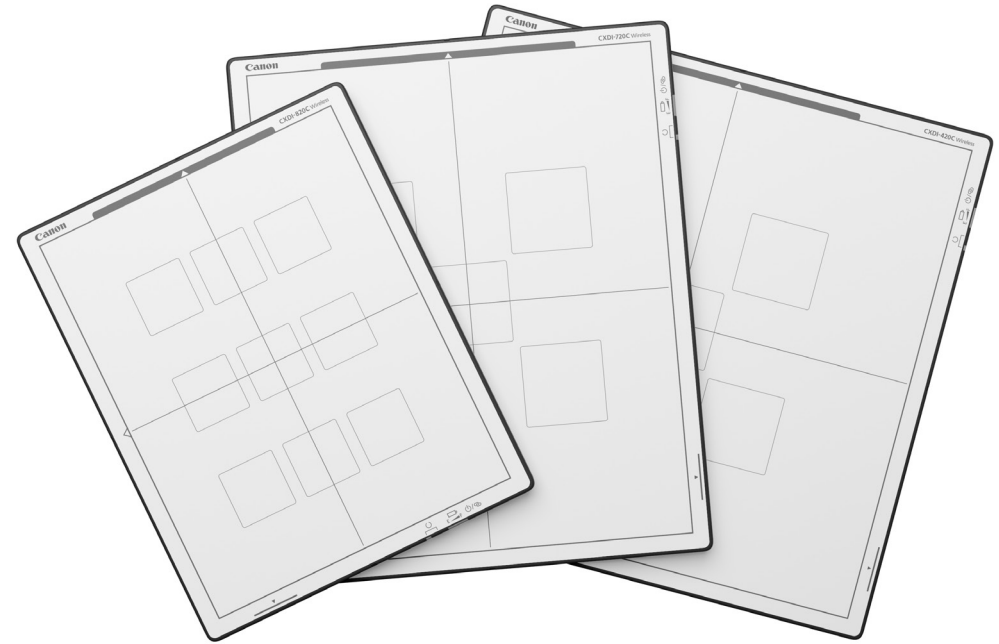
The Canon dynamic detector is at the heart of Adora DRFi.

Add wireless detectors; share across examination rooms and portables.

Advanced image processing for premium diagnostic image quality.



CXDI-RF Wireless B1 Detector



CXDI-Elite Wireless Detectors

CXDI-720C Wireless, CXDI-820C Wireless and CXDI-420C Wireless

Outstanding performance in workflow,
sensitivity, image quality and versatility

Distributor



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Manufacturer



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