Precision™ CRF

GE HealthCare

A classical way to work



Precision CRF is a classical fluoroscopy design that is versatile to meet your evolving imaging needs. It is a flexible configuration that can support radiographic and fluoroscopic imaging, along with overhead tube suspension (OTS), high-quality digital detectors, intelligent exposure control, and Advanced Image Processing software to enhance your imaging capabilities. The Precision CRF helps your team deliver consistent, highly automated, efficient imaging exams that impart clinical confidence. These benefits, along with exceptional service support, combine to provide excellent ROI.

Improving the patient and staff experience

Large, dynamic table for easy positioning

- Table-side controls are easy to access, intuitive and ideal for fluoroscopy studies
- Tilted from -85° to +90°†
- Table patient tilting load of up to 551.2 lbs., static load of up to 661.4 lbs.
- Small table footprint provides free access all around
- Tower allows access to the patient during procedures
- Tower parking position at the back frees the tabletop completely, allowing easy and excellent access from patient

Dose management capabilities

- Intelligent exposure with automatic exposure kV and exposure time regulation
- Grid-controlled fluoroscopy
- Automatic measuring field
- Collimation on last image hold
- Dose monitoring & DAP
- Detector exposure indicator
- Detector dose indication
- Target exposure
- Deviation index

Improving workflow efficiency

Expand your capabilities beyond fluoroscopy with full radiographic imaging solutions. Increase your imaging throughput while seamlessly moving from fluoroscopy to radiography cases routinely.

- Tiltable table for all standard fluoroscopy studies
- OTS for flexible rad projections at the table or wall stand
- Wall stand with fixed or wireless detector† for radiography imaging, including full spine or legs (image pasting†)
- Optional wireless detector† for bucky work

OTS touchscreen console

Radiography made easy with intelligent workflow with in-room control.

- Intuitive user interface
- Intelligent exposure control
- Auto tracking
- Auto angulation‡
- Auto Protocol Assist (APA)
- Auto field of view (FOV)
- Live streaming video† on the OTS
- Image pasting†

Digital wall stand

The wall stand provides the flexibility to satisfy different clinical demands, room layouts, and room sizes. Consists of: wall stand, wall stand bucky, grid, 2 user interfaces (left and right), and 2 patient grips (left and right).

Remote operators console

21.3 inch high quality color LCD monitor (additional monitors optional)

- Optimized for GE HealthCare user interface design
- Patient visualization with OTS live streaming video†

Dynamic fluoroscopic detectors and lightweight, high-quality radiographic detectors

Dynamic flat panel fluoroscopy detector specifications	
Technology	CsI/cesium iodide
Size	43 cm x 43 cm (17 in x 17 in)
Active area	42.0 cm x 42.5 cm (16.5 in x 16.7 in)
Frame rate	Up to 30 frames per second
Image matrix size	2840 x 2874 pixel
Pixel size	Radiography mode: 148 µm Fluoroscopy mode: 444 µm
Image resolution	3.4Lp/mm

The wireless, lightweight, portable detectors are based on amorphous silicon with proven cesium iodide technology, which provides high image quality with excellent dose efficiency.

Wireless portable radiographic detector specifications	
Technology	Digital CsI/cesium iodide flat detector
Material	Carbon fiber
Pixel size	148 µm
Image resolution	up to 3.38 Lp/mm

Improving image consistency and IQ

Gain more clarity and confidence with Advanced Image Processing. Precision CRF Advanced Image Processing meets the challenges of modern fluoroscopy by combining a robust, artifact-free, easy-to-use multiscale image enhancement with intelligent noise suppression.

Advanced Image Processing

- Delivers a consistently uniform, high-quality images
- Immediate diagnostic information with in-pulse control
- Real time adaption of dose and image quality parameter
- Improved details visibility and real-time de-noised images from the first frame onwards, no lag effect
- Correct image brightness with every frame
- Optimal harmonization of diagnostically important information

† Denotes optional feature
‡ Auto angulation only available with Precision Pro and Elite configurations

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