

PERFORM-X

ADVANCED DIAGNOSTIC X-RAY SYSTEMS



PERFORM-X, A MEDICAL DIAGNOSTIC SUITE THAT MEETS ALL YOUR NEEDS



Sophisticated yet
cost-effective



Digital imaging
for all practices



Full system
integration



Ceiling- or
floor-mounted



Dual (motorized
and manual) movement



Multiple
automation levels



Minimal
patient dose

✓ **MANUAL** ✓ **AUTO-TRACKING** ✓ **AUTO-STITCHING** ✓ **AUTO-POSITIONING**



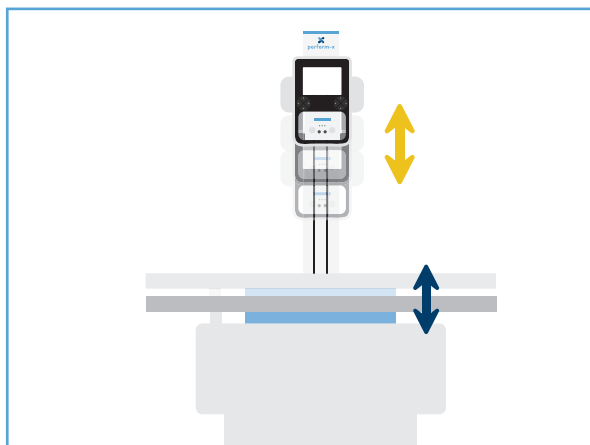
This brochure features both standard and optional system elements.

FEATURES TO INCREASE PATIENT THROUGHPUT, CHOICE OF STUDIES AND OPERATOR COMFORT

AUTO-TRACKING (PERFORM-X C200+ / F200+)



Motorized vertical syncing of x-ray tube and table top, keeping preset source-image distance (SID) constant



Motorized one- or two-way vertical syncing of x-ray tube and vertical detector

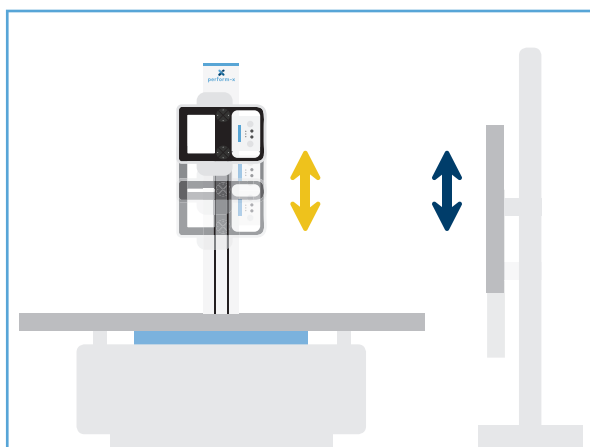
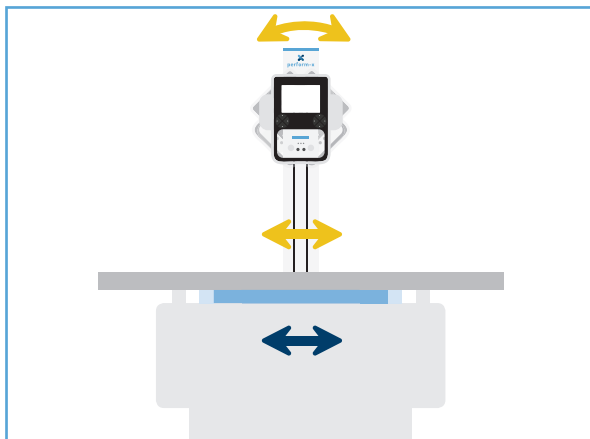


TABLE IMAGE RECEPTOR AUTO-ALIGNMENT (PERFORM-X C200+ / F200+)

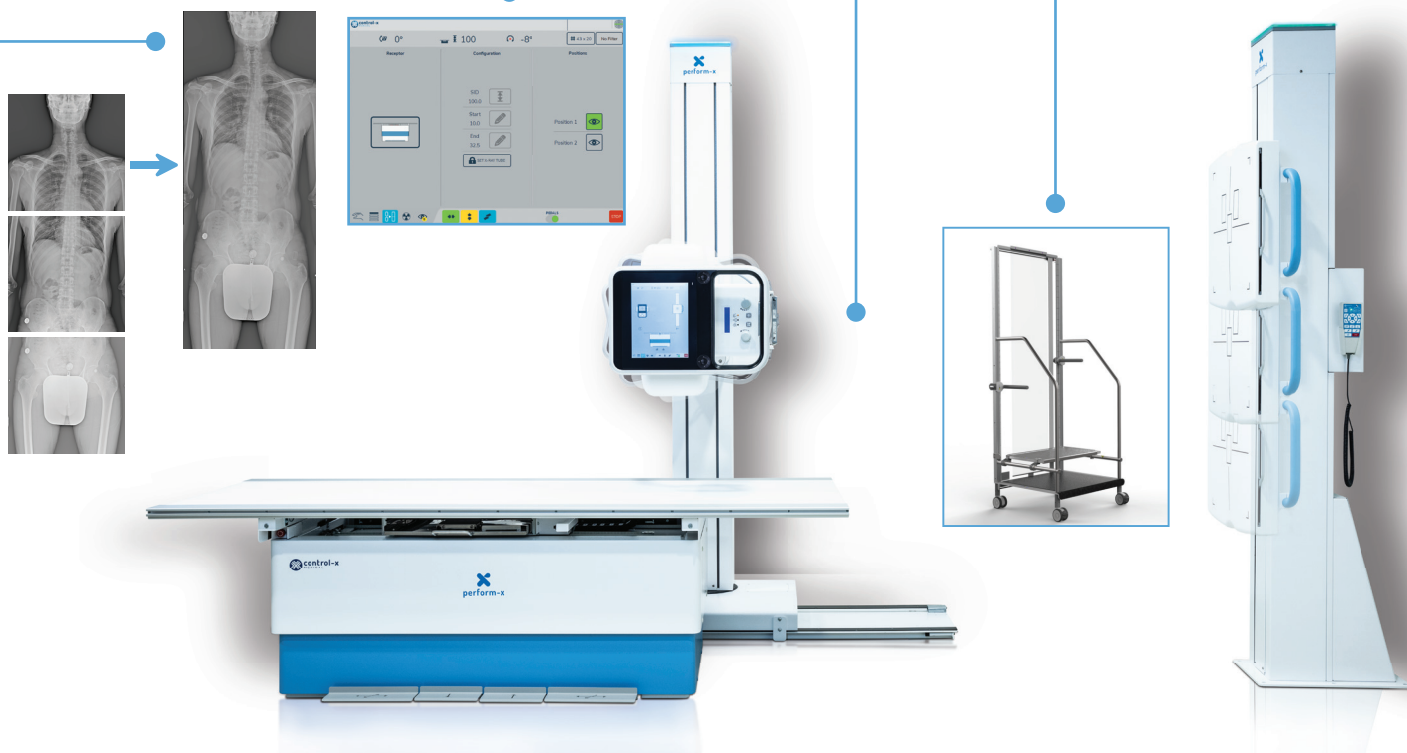


Motorized alignment of table image receptor with x-ray tube movement and rotation



DOSE-OPTIMIZED SMART STITCHING* (PERFORM-X C300+ / F300+)

- PXIM System Software calculates dose-limiting lowest necessary number of exposures based on set Start and End positions
- Automatic system positioning executes programmed stitching procedure
- Procedure is performed with constant focus, rotating x-ray tube
- Overlapping images are combined into seamless study
- Vertical stitching for up to 4, Horizontal stitching** for up to 3 images
- Stitching Stand is available to assist frail patients for vertical procedures



* Smart Stitching Procedure requires Auto-Collimation

** Horizontal stitching on the patient table requires Auto-Positioning features.



AUTO-POSITIONING (PERFORM-X C400 / F400)

- APR-controlled automatic positioning moves system into place for procedure
- APR positioning and auto-collimation from Workstation
- Favourite APRs can easily be selected
- Anti-collision sensors ensure safe operation



SCAN QR CODES FOR VIDEOS FEATURING
THE PERFORM-X C400 AND F400 SYSTEMS



C400



F400

CEILING-MOUNTED SYSTEM

- Very fast APR-based automatic positioning
- Customizable for any room height, including with low ceilings
- Variable longitudinal and cross-table travel ranges
- Maximum flexibility in system positioning
- Easy access to both sides of radiographic table
- Energy chains for unrestricted movement
- Motorized movement with manual override
- Unique, clean design



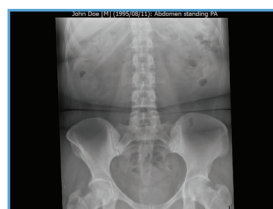
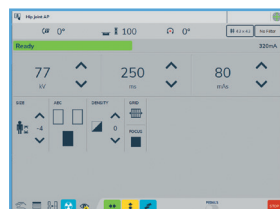
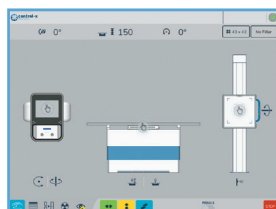
VERTICAL STAND

- Receptor travels to the floor
- Fail-safe electromagnetic brakes
- LED system status light on stand (standby, tracked, error)
- Free-standing set-up
- Motorized or manual tilting receptor for full positioning flexibility
- Optional in-bucky charging of detector



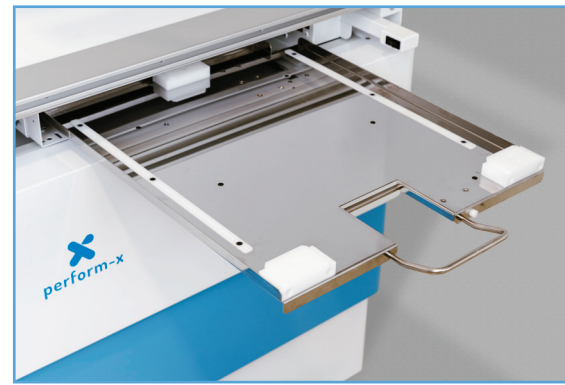
10.4" OR 12.1" SMART CONSOLE

- Enables full system integration with PXIM System Software
- Control of all movements in one place
- Access to favourite APR positions
- Quick Image Preview to evaluate exposure
- Integrated generator parameter control
- Patient Positioning Guide to assist operator
- User Comfort Settings (e.g. table pedal lock)
- System status and error monitoring



FLOOR-MOUNTED SYSTEMS

- Column rotation for cross-table exams
- Transverse tube travel
- Extended vertical and horizontal travel options
- LED system status light on stands (standby, tracked, error)



PHOENIX ELEVATING TABLE

- Exceptionally wide vertical movement range
- 350 kg weight rating
- Six-way effortless patient positioning
- Advanced safety features to protect patient and operator
- Optional in-bucky charging of detector
- Unique pediatric design available



Easy-to-use membrane console



Silent, robust, super-gliding aluminum rails



Wired or wireless remote control for motorized movements

HIGH QUALITY COMPONENTS

- Receptor Tray with in-bucky charging or Receptor rotating mechanism (docking station)
- Wide selection of Industry-leading X-ray tubes
- Manual or automatic Collimators, including with Camera and Proximity Sensor
- High-density removable grids (non-oscillating)



DOSAGE LIMITATION AND GENERATOR CONTROL OPTIONS

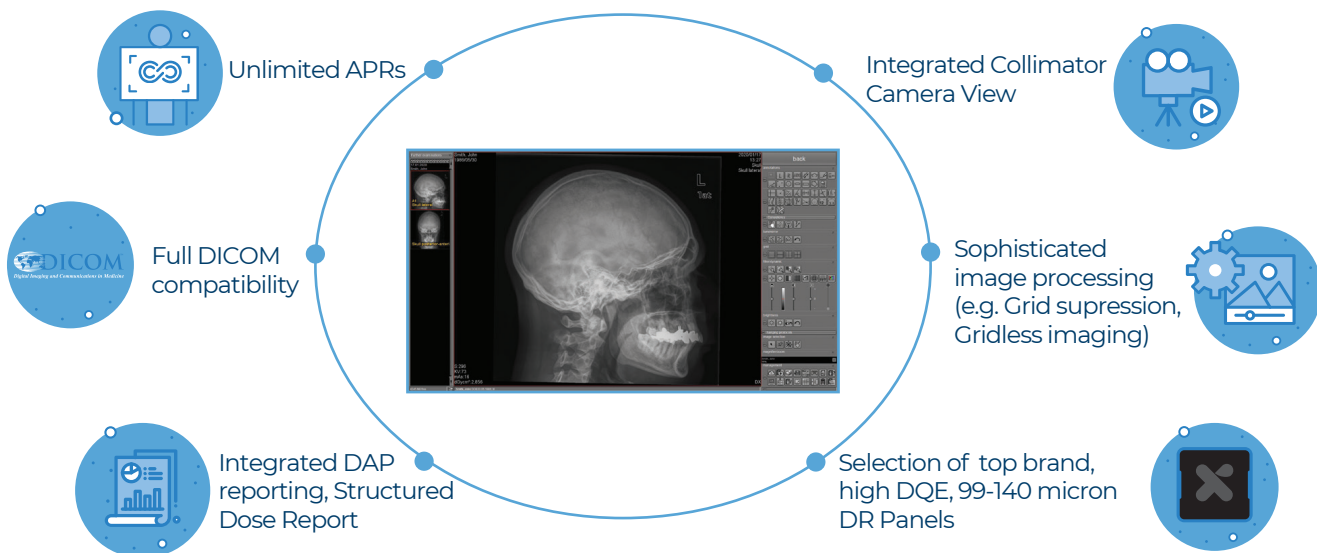
- Automatic Exposure Control (AEC) and Dosage Area Product (DAP) meter to avoid unnecessary dose
- 50 kW to 80 kW generator output range
- Stored energy generators up to 50 kW (capacitor discharge)



INTELLIGENT MODULAR SOFTWARE (PXIM):

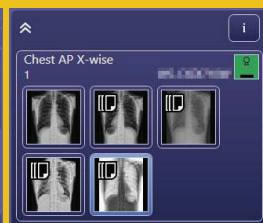
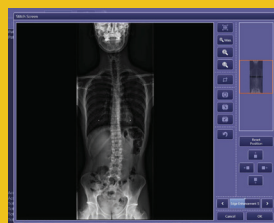
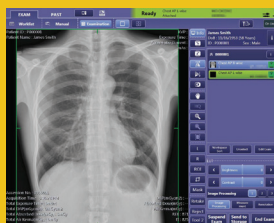
- **PXIM Console** - LCD user interface for Movement selection, Generator settings, Image Preview and other advance features
- **PXIM Embedded Control** - Modular embedded software enabling Automated Tracking, Stitching, Positioning, Safety sensors and overall Communication
- **PXIM Service** - Remote Diagnostics and Calibration

FULL DR SYSTEM INTEGRATION



CANON SOFTWARE INTEGRATION WITH PREMIUM DR PANELS

Canon

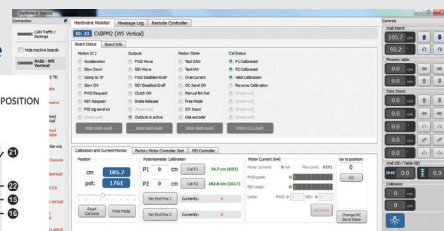
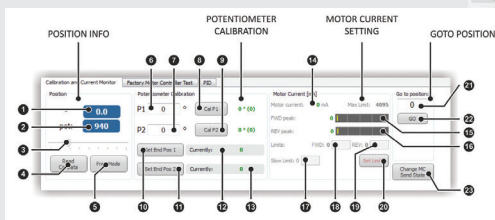


ARTIFICIAL INTELLIGENCE SUPPORTED CLINICAL DIAGNOSTIC SOLUTIONS



REMOTE DIAGNOSTICS

Advanced diagnostic software to minimize downtime





FOUR STANDARD CONFIGURATIONS IN BOTH CEILING- AND FLOOR-MOUNTED SYSTEMS



PERFORM-X SYSTEM CONFIGURATIONS

	Model Code	Manual (Counterbalanced)	Auto-Tracking	Auto-Stitching	Auto-Positioning
Floor-Mounted	F100	✓			
	F200	✓	✓		
	F300	✓	✓	✓	
	F400	✓	✓	✓	✓
Ceiling-Mounted	C100	✓			
	C200	✓	✓		
	C300	✓	✓	✓	
	C400	✓	✓	✓	✓

Certifications

ISO 13485, CE marked
and FDA registered



Control-X Medical Zrt. (cPlc),
2120 Dunakeszi,
Röntgen street 6., Hungary



Please contact us at
sales@cxmed.com
or at +36 1 381 0301



Follow us on

