



# PERFORM-X

ADVANCED DIAGNOSTIC X-RAY SYSTEMS



# A MEDICAL DIAGNOSTIC SUITE THAT MEETS ALL YOUR NEEDS

## The Perform-X System family:

- sophisticated yet cost-effective
- digital imaging for all types of practices
- ceiling- or floor-mounted configuration
- dual (motorized and manual) movement for operator convenience
- multiple automation levels
- fully integrated system
- features to ensure minimal patient dose
- **powered by Perform-X Intelligent Modular software (PXIM)**

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



PERFORMANCE



FLEXIBILITY



SAFETY



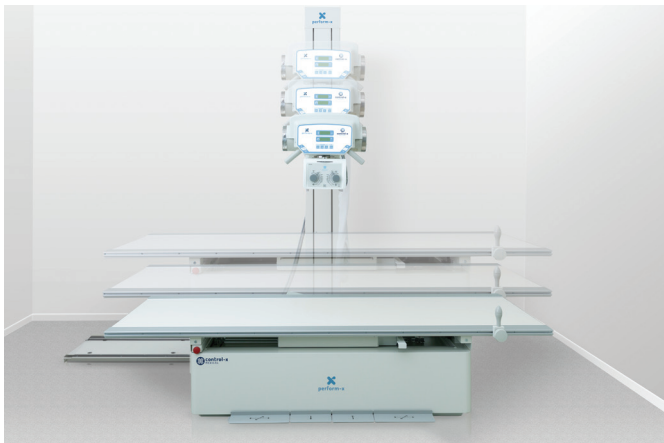
AFFORDABILITY



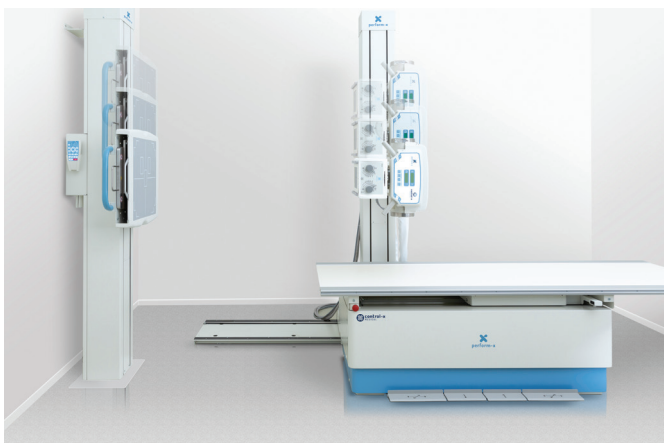
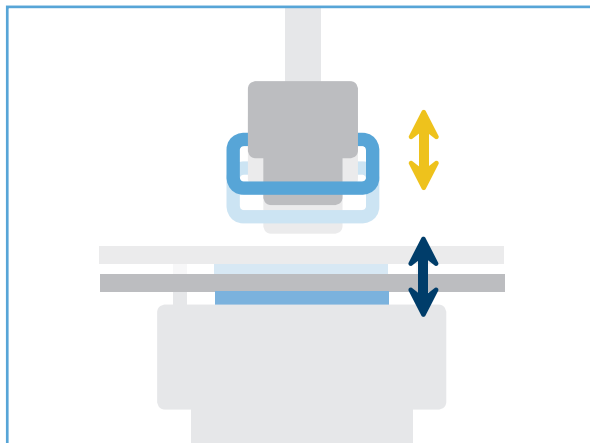


# FEATURES TO INCREASE PATIENT THROUGHPUT, CHOICE OF STUDIES AND OPERATOR COMFORT

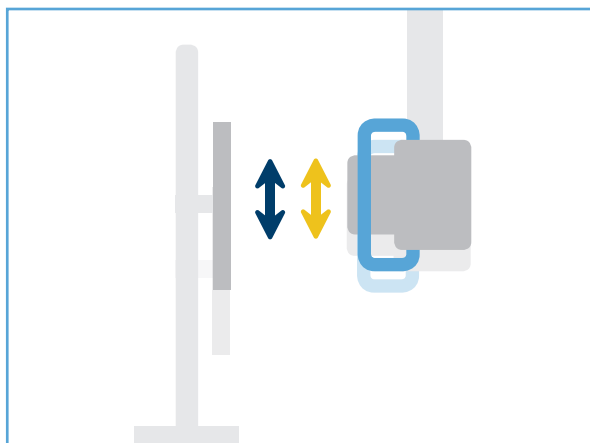
## AUTO-TRACKING



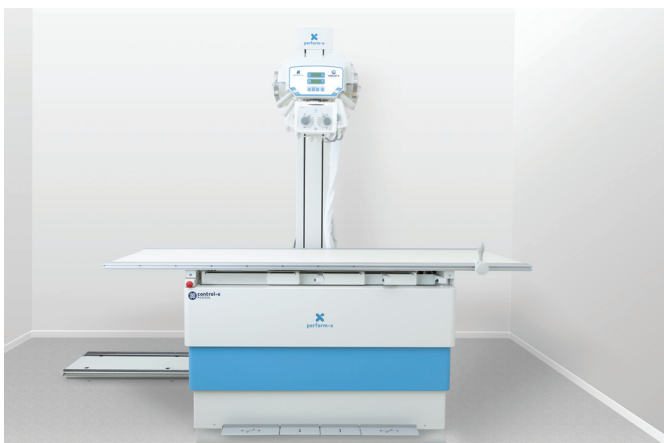
Motorized vertical syncing of x-ray tube and table top, keeping preset source-image distance (SID) constant



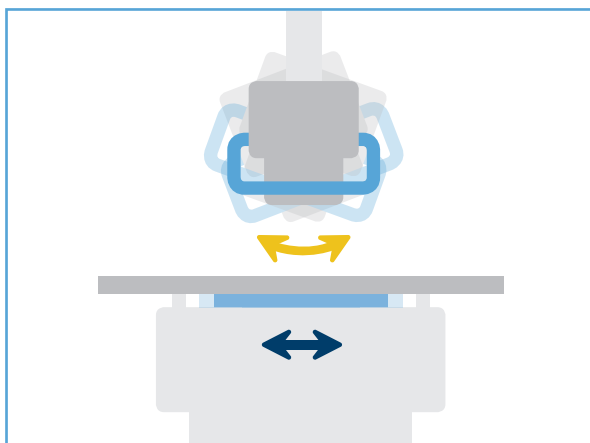
Motorized one- or two-way vertical syncing of x-ray tube and vertical detector



## TABLE IMAGE RECEPTOR AUTO ALIGNMENT

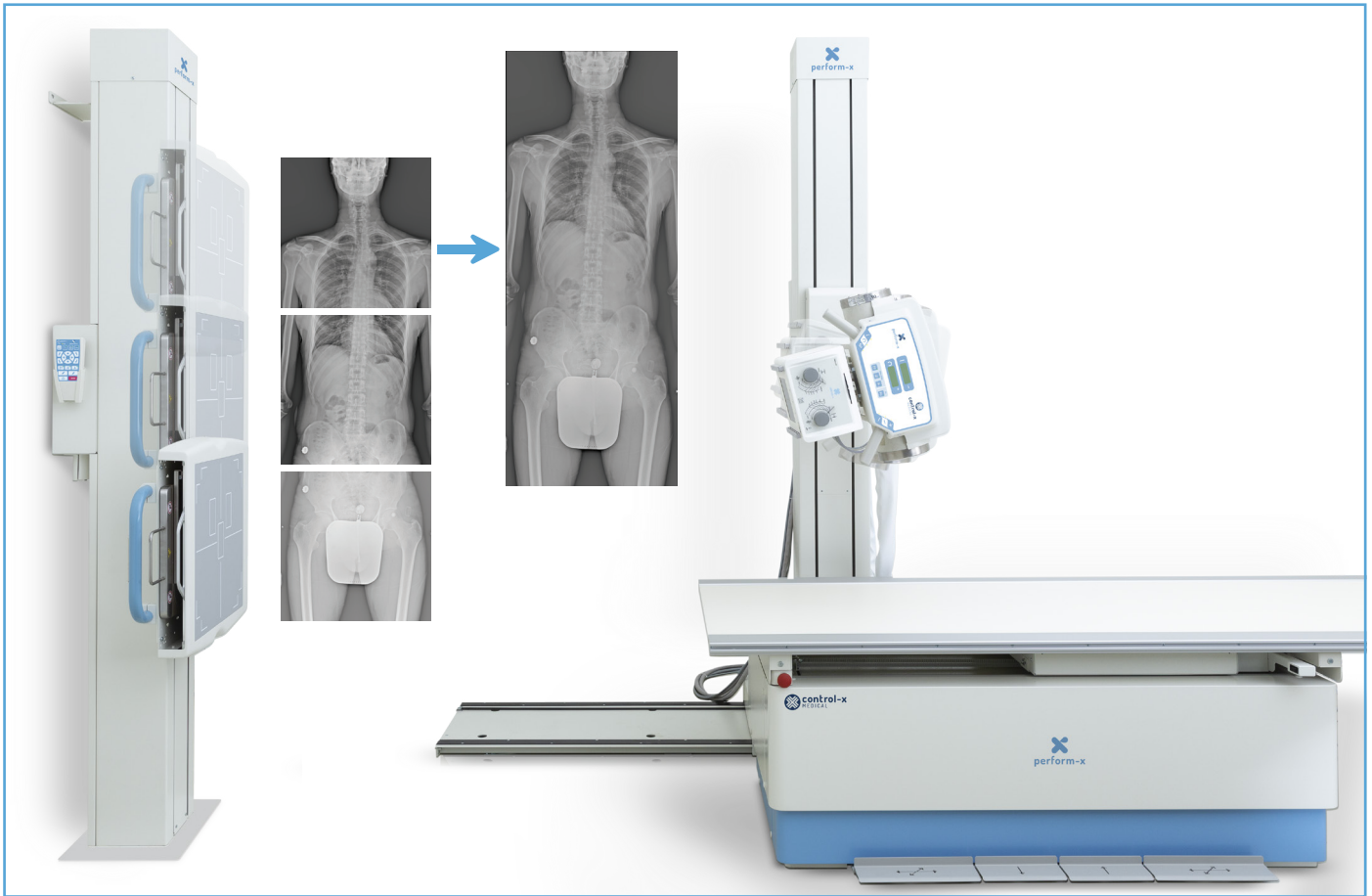


Motorized alignment of table image receptor with x-ray tube movement and rotation



## AUTO-STITCHING

Automatic system positioning to take 2-4 individual overlapping images and combine them into one seamless study. Procedure is performed with constant focus, rotating x-ray tube. Both horizontal and vertical\* stitching procedures are supported. A stitching stand is available to assist frail patients for vertical procedures.



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



## AUTO-POSITIONING

APR controlled automatic positioning moves system into place for the next procedure. Anti collision sensors ensure safe operation.



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



C400



F400



## CEILING-MOUNTED SYSTEM

- Customizable for any room height
- Maximum flexibility in positioning
- Easy access to both sides of radiographic table
- Motorized movement with manual override
- Variable longitudinal and cross-table travel ranges

## VERTICAL STAND

- Receptor travels to the floor
- Fail-safe electromagnetic brakes

Motorized or manual tilting receptor option adds further positioning flexibility including oblique studies.

## LCD TOUCH SCREEN DISPLAY

- Featuring PXIM Console Software
- Control of all movements in one place
- Access to favourite positions
- Quick Image Preview to evaluate exposure
- Integrated generator parameter control
- System status and error monitoring



ADVANCED RADIOGRAPHIC SYSTEMS ARE POWERED BY OUR PERFORM-X INTELLIGENT MODULAR SOFTWARE (PXIM), FEATURING:

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



## FLOOR-MOUNTED SYSTEMS

- Column rotation for cross-table exams
- Transverse tube travel
- Extended vertical and horizontal travel options

## PHOENIX ELEVATING TABLE

- Exceptionally wide vertical movement range
- Suitable for obese patients
- Six-way effortless patient positioning
- Advanced safety features to protect patient and operator



Wired or wireless remote control for motorized movements



Easy-to-use membrane console



## HIGH QUALITY COMPONENTS

- Industry-leading x-ray tubes
- Optional cassette rotating mechanism (docking station) for 35x43 cm flat panels
- High-density removable grids (non-oscillating)
- Certified manual or automatic LED collimators with laser guide



## 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 output range
- Stored energy generators up to 50 kW (capacitor discharge)



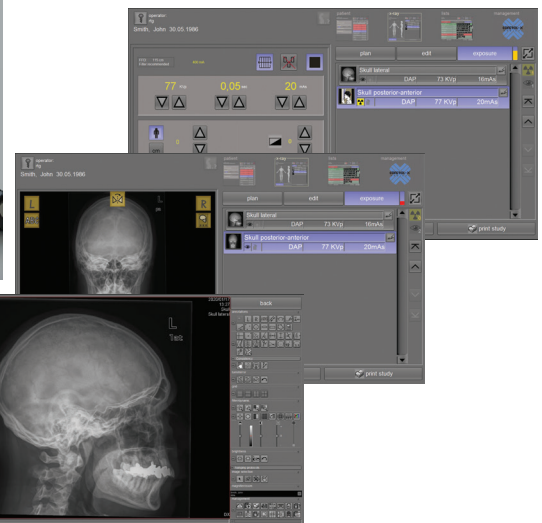
## INTEGRATED GENERATOR CONTROL AND IMAGE ACQUISITION

Single console seamless workflow:

- Unlimited APRs
- Full DICOM compatibility
- Integrated DAP reporting

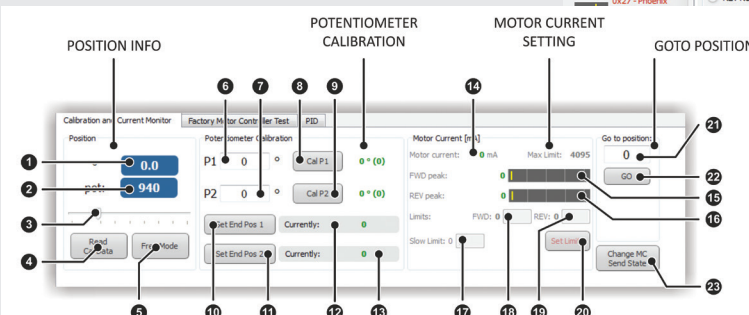
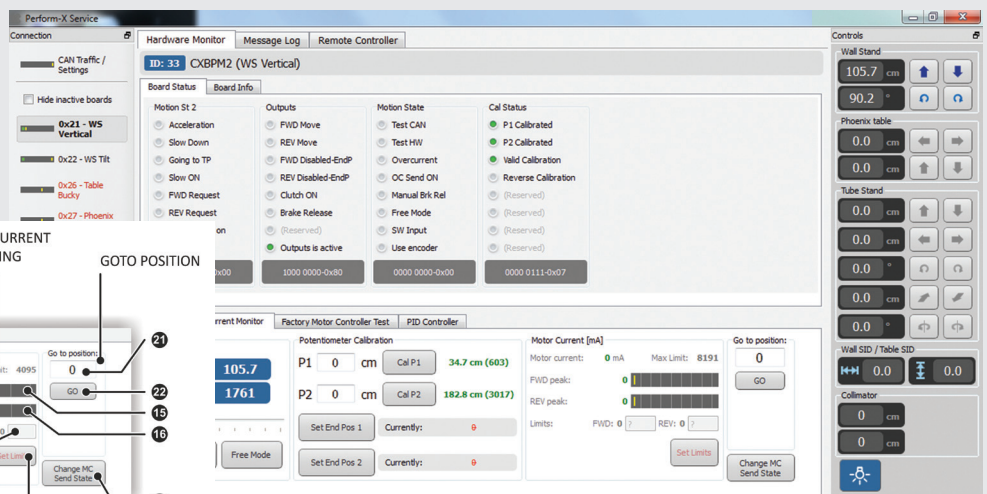
Sophisticated image processing features:

- Grid suppression or gridless imaging
- Detector status indicators
- Wifi signal strength indicator
- Wide variety of compatible detectors, wired or wireless, with various pixel sizes
- Portable solutions with tablet, laptop workstation
- Mini PACS included
- Cloud storage available
- Mobile viewing on any device



## REMOTE DIAGNOSTICS

PXIM Service - Advanced diagnostic software allows troubleshooting and service to minimize downtime.



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



**PERFORM-X SYSTEM CONFIGURATIONS**

	Model Code	Manual	Auto-Tracking	Auto-Tracking/Stitching	Auto-Positioning
Floor-Mounted	Perform-X F100	✓			
	Perform-X F200	✓	✓		
	Perform-X F300	✓	✓	✓	
	Perform-X F400	✓	✓	✓	✓
Ceiling-Mounted	Perform-X C100	✓			
	Perform-X C200	✓	✓		
	Perform-X C300	✓	✓	✓	
	Perform-X C400	✓	✓	✓	✓

**CERTIFICATIONS**

ISO 13485, CE marked and FDA approved



Please contact us at [sales@cxmed.com](mailto:sales@cxmed.com) or at +36 1 381 0301.

Follow us on

Perform-X system brochure - Version 2.0 - November 2021

Authorized distributor: