

# PERFORM-X F400

## ADVANCED DIAGNOSTIC X-RAY SYSTEM



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



Sophisticated yet  
cost-effective



Digital imaging  
for all practices



Full system  
integration



Floor-mounted



Dual (motorized  
and manual) movement



Multiple  
automation levels



Minimal  
patient dose



MANUAL



AUTO-TRACKING



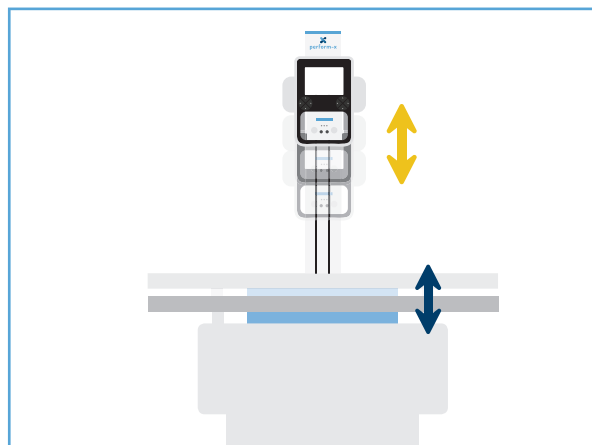
AUTO-STITCHING



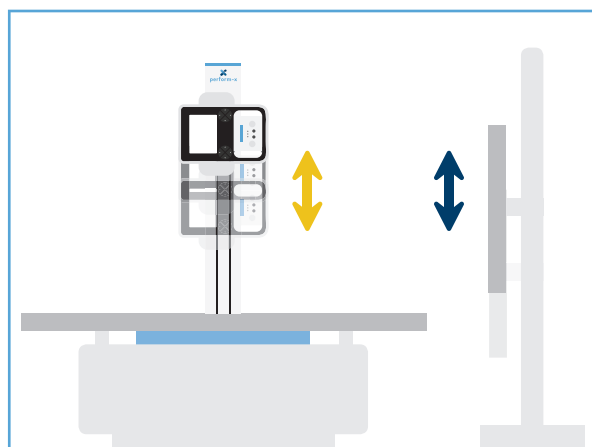
AUTO-POSITIONING

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

## AUTO-TRACKING

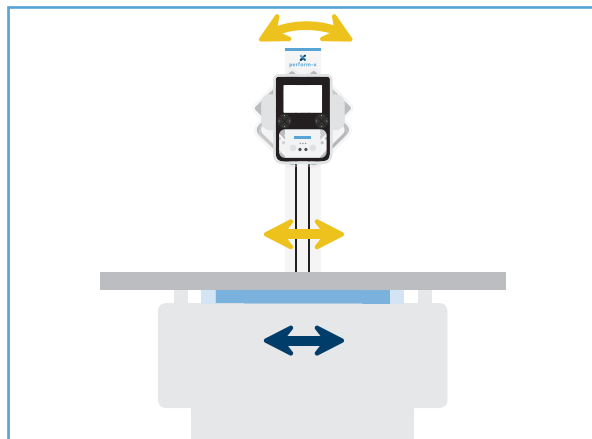


Motorized vertical syncing of x-ray tube and table top, keeping preset source-image distance (SID) constant



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

## DOSE-OPTIMIZED SMART STITCHING\*

- 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



## AUTO-POSITIONING

- 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 CODE FOR VIDEO FEATURING  
THE PERFORM-X F400 SYSTEM



F400

## FLOOR-MOUNTED STANDS

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



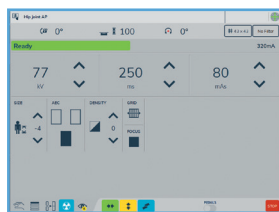
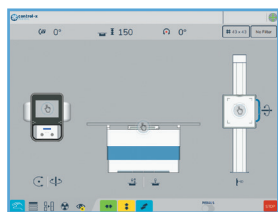
## VERTICAL STAND

- 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



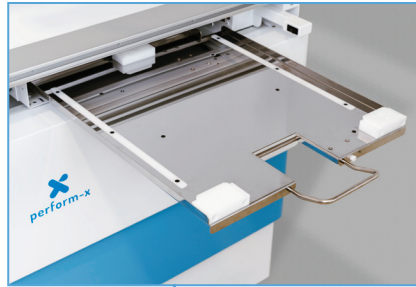
## 10.4" OR 12.1" SMART CONSOLE

- 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



## 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



## 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)



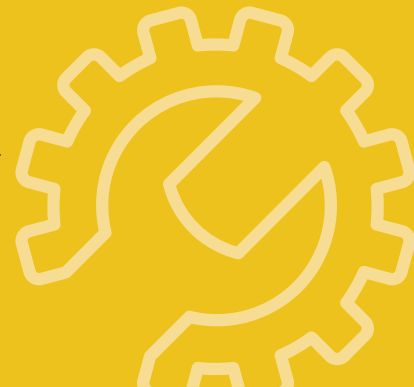
## DOSAGE LIMITATION AND GENERATOR CONTROL OPTIONS

- 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



Easy-to-use membrane console



Silent, robust, super-gliding aluminum rails



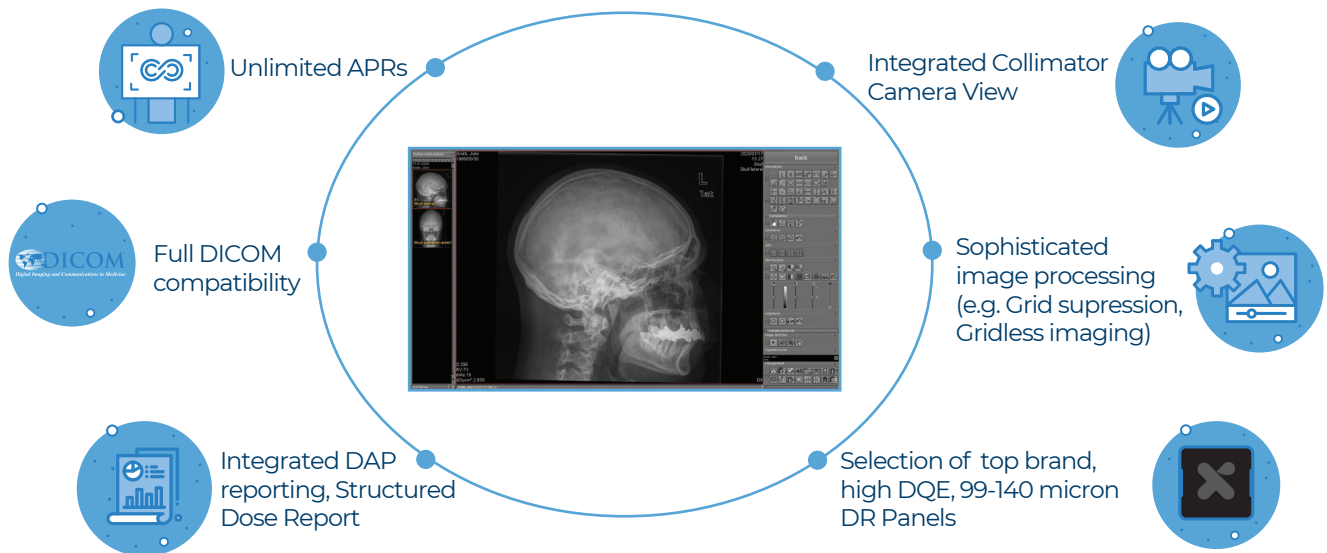
Wired or wireless remote control for motorized movements

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

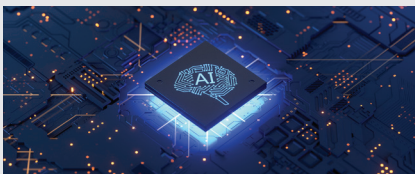
## PERFORM-X SYSTEM CONFIGURATIONS

|                   | Model Code | Manual<br>(Counterbalanced) | Auto-Tracking | Auto-Stitching | Auto-Positioning |
|-------------------|------------|-----------------------------|---------------|----------------|------------------|
| Floor<br>-Mounted | F100       | ✓                           |               |                |                  |
|                   | F200       | ✓                           | ✓             |                |                  |
|                   | F400       | ✓                           | ✓             | ✓              | ✓                |

## FULL DR SYSTEM INTEGRATION

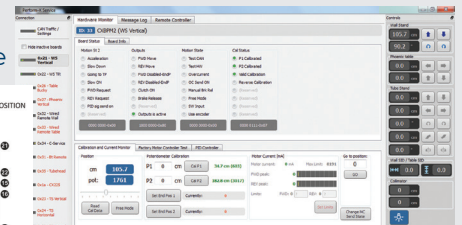
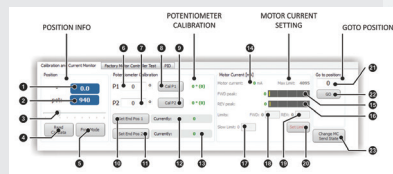


## ARTIFICIAL INTELLIGENCE SUPPORTED CLINICAL DIAGNOSTIC SOLUTIONS



## REMOTE DIAGNOSTICS

Advanced diagnostic software to minimize downtime



## Certifications

ISO 13485, CE marked and FDA registered



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



Follow us on



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

