



PERFORM-X F400 AUTO-POSITIONING RADIOGRAPHIC SYSTEM



The F400 is our most advanced floor-mounted X-ray system. It features APR-based fully motorized device positioning for precise and fast workflow. Our Perform-X advanced systems feature the TS99N Tube Stand, the WS99N Wall Stand and the Phoenix 2 Elevating Radiographic Table.

KEY FEATURES:

- 3D APR-based auto-positioning (*)
- auto-stitching functions (with fixed focus position) for wall stand and radiographic table with optional stitching stand
- 2-way vertical auto-tracking between tube assembly and wall stand receptor (dynamic master/slave function)
- 2-way vertical auto-tracking between tube assembly and table receptor (dynamic master/slave function)
- 2-way auto-centering between tube assembly and table receptor (dynamic master/slave function)
- motorized vertical movement of X-ray tube assembly (with manual override)
- motorized horizontal movement of tube stand (with manual override)
- motorized tube rotation on the horizontal axis
- motorized vertical movement of wall stand
- motorized elevating radiographic table
- motorized table receptor auto-centering (with manual override)
- longitudinal and vertical SID measurement
- optional manual column rotation
- optional manual or motorized receptor tilting for wall stand

All advanced radiographic systems are powered by our Perform-X Intelligent Modular (PXIM) Software (features depending on configuration).

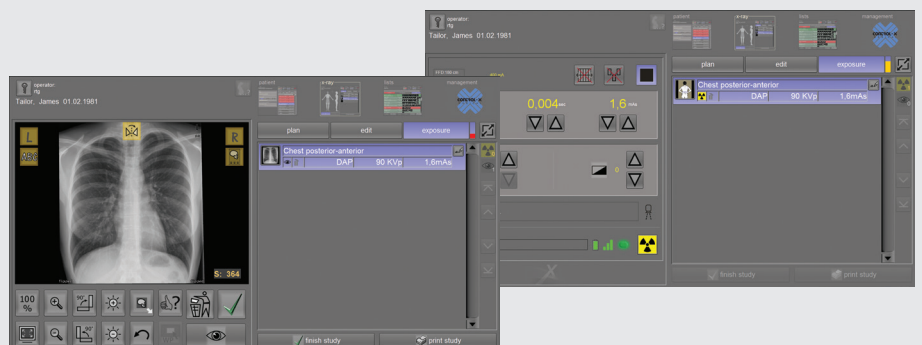
We also offer a choice of components such as digital panels, grids, X-ray tubes, collimators, AEC chambers, DAP meters, etc.

(*) DX-R image acquisition package needed to execute exposures from APR chart of the generator.



INTEGRATED GENERATOR CONTROL AND IMAGE ACQUISITION

- Single console seamless workflow
- Full DICOM compatibility
- Optional integrated DAP reporting
- Sophisticated image processing features
- Grid suppression or gridless imaging
- Detector status indicators
- Optional Mini PACS is available



SPECIFICATIONS

HIGH FREQUENCY GENERATOR

Output Power:	32 – 80 kW
mA Range:	10 – 1000 mA
kVp Range:	40-150 kV
Stored energy generators are available up to 50 kW power.	

X-RAY TUBE

300 kHU 0.6-1.2 mm focal spots (other tubes available)

COLLIMATOR

Manual or Automatic, Laser Guided LED Collimator

DIGITAL DETECTORS

Range of standard cassette sized fixed or wifi panels

GRID

Non-oscillating, 215 lp/inch, 10:1 ratio (other grids also available)

MECHANICAL DATA AND MOVEMENT RANGES

Recommended room height:	240 cm (depends on vertical travel of tube stand)	Recommended room size:	2,5 m x 3,2 m
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TS99N FLOOR-MOUNTED TUBE STAND (F400 VERSION)

PHOENIX 2 ELEVATING TABLE (TABLE TOP)

Vertical travel:	154,5 cm (Option: +20cm)	Table top height:	45-90 cm
Vertical movement speed:	15 cm/sec	Vertical movement speed:	2,2 cm/sec
Min. / Max. focus to floor distance:	33,5 / 188 cm	Size (patient surface):	220 x 81 cm
Longitudinal travel (Fix / Rot. Column):	177 / 161 cm (Option: 290 / 274 cm with 360 cm rails)	Longitudinal travel:	60 / 50 cm
		Transverse travel:	+ / - 12,5 cm
Transverse travel "T" version (option):	+ / - 10,2 cm	Table top - image receptor distance:	7 cm
Rotation (around horizontal axis):	330°	Table weight rating:	300 kg
Rotation (around vertical axis – option):	+/-180°	Table detector horizontal travel:	61 cm

WS99N WALL STAND (DETECTOR)

Tilt (option):	90° / -25°	Vertical movement speed:	15 cm/sec
Mounting:	Wall & Floor (Option: floor-only)	Min. / Max. center to floor distance:	30 / 183 cm
Vertical travel:	153 cm (Option: +20cm)		

CERTIFICATIONS

ISO 13485, CE marked and FDA cleared



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

Authorized reseller: