

## PERFORM-X C100 ADVANCED MANUAL RADIOGRAPHIC SYSTEM



The C100 manual setup stuns with its sleek design and advanced features such as digital SID measurement. It can also be customized with a range of available options.

### KEY FEATURES:

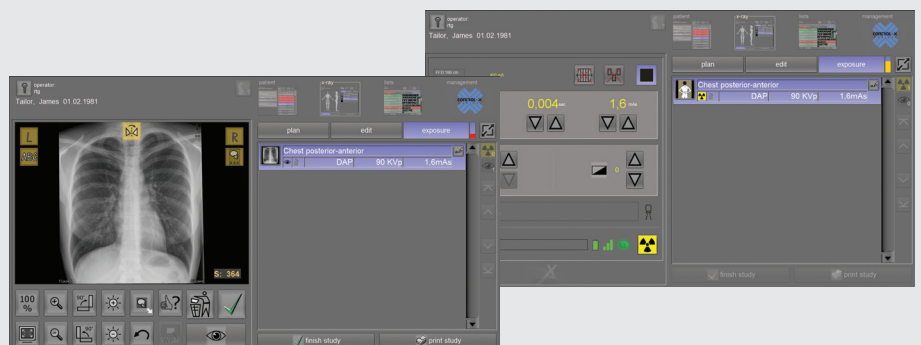
- longitudinal and vertical SID measurement
- manual vertical movement of X-ray tube assembly
- manual horizontal movement of tube stand
- manual transverse movement of tube stand
- manual tube rotation on the horizontal axis
- manual tube rotation on the vertical axis
- manual vertical movement of wall stand
- motorized elevating radiographic table
- optional motorized table receptor auto-centering
- optional manual receptor tilting for wall stand



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

### 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: 290 cm (depends on vertical travel of tube stand)

Recommended room size: 5 m x 4 m

### CTM-200 CEILING STAND (X-RAY TUBE)

Vertical travel: 135 / 150 / 180 cm

Vertical movement speed: 15 cm/sec

Min. / Max. focus to floor distance: 30 / 180 cm (depends on vertical travel and ceiling height)

Longitudinal travel: 357 cm (option: +140 cm)

Longitudinal movement speed: 25 cm/sec

Transversal travel: 207 cm (option: 287 cm)

Transversal movement speed: 13 cm/sec

Rotation around horizontal axis: 334° (120° / -214°)

Rotation around vertical axis: 338° (138° / -200°)

### PHOENIX 2 ELEVATING TABLE (TABLE TOP)

Height: 45-90 cm

Vertical movement speed: 2,2 cm/sec

Size (patient surface): 220 x 81 cm

Longitudinal travel: 60 / 50 cm

Transverse travel: + / - 12,5 cm

Table top - image receptor distance: 7 cm

Table weight rating: 250 kg

Table detector horizontal travel: 61 cm

### WS99(N) WALL STAND (DETECTOR)

Mounting: Wall & Floor (option: floor-only)

Vertical travel: 153 cm (option: +20cm)

Vertical movement speed: 15 cm/sec

Min. / Max. center to floor distance: 30 / 183 cm (option: +20 cm)

Tilt (option): 90° / -25°

## CERTIFICATIONS

ISO 13485, CE marked and FDA cleared



Please contact us at [sales@cxmed.hu](mailto:sales@cxmed.hu) or [sales@cxmed.com](mailto:sales@cxmed.com).

CT100 Radiographic System Info Sheet – Version 1.0 – April 2021

Authorized reseller:



Tel: +373 22 808022  
Mob: +373 69 200303  
[www.moldanservice.md](http://www.moldanservice.md)



R. Moldova, MD 2001  
Mun. Chisinau, Str. Sciusev, 16  
E-mail: [office@moldanservice.md](mailto:office@moldanservice.md)

## PERFORM-X C200 AUTO-TRACKING RADIOGRAPHIC SYSTEM



The C200 floor-mounted system increases examination precision and throughput with its auto-tracking functionality between the tube assembly and, respectively, the wall stand and the table receptor.

### KEY FEATURES:

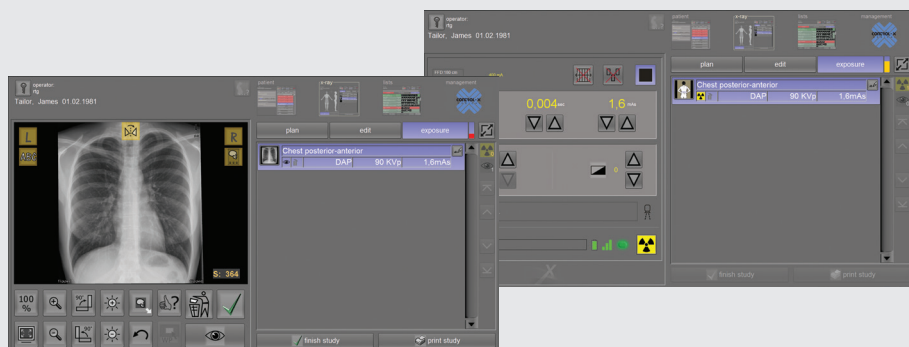
- 1-way (optional 2-way) vertical auto-tracking between tube assembly and wall stand receptor (receptor: master, tube: slave)
- 2-way vertical auto-tracking between tube assembly and table receptor (receptor: master, tube: slave)
- 1-way auto-centering between tube assembly and table receptor (tube: master, receptor: slave)
- motorized vertical movement of X-ray tube assembly (with manual override)
- manual horizontal movement of tube stand
- manual transverse movement of tube stand
- manual tube rotation on the horizontal axis
- manual tube rotation on the vertical axis
- manual vertical movement of wall stand
- motorized elevating radiographic table
- motorized table receptor auto-centering (with manual override)
- longitudinal and vertical SID measurement
- optional manual or motorized receptor tilting for wall stand

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



### 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:

290 cm (depends on vertical travel of tube stand)

Recommended room size:

5 m x 4 m

### CTM-200 CEILING STAND (X-RAY TUBE)

(\*) Travel in case there is motorization on the longitudinal axis  
(\*\*) Travel in case there is motorization on the transversal axis

### PHOENIX 2 ELEVATING TABLE (TABLE TOP)

Vertical travel:

135 / 150 / 180 cm

Height:

45-90 cm

Vertical movement speed:

15 cm/sec

Vertical movement speed:

2,2 cm/sec

Min. / Max. focus to floor distance:

30 / 180 cm (depends on vertical travel and ceiling height)

Size (patient surface):

220 x 81 cm

Longitudinal travel:

357 / 343 (\*) cm

Longitudinal travel:

60 / 50 cm

Longitudinal movement speed:

25 cm/sec

Transverse travel:

+ / - 12,5 cm

Transversal travel:

207 / 203 (\*\*) cm  
(option: 287 / 283 (\*\*) cm)

Table top - image receptor distance:

7 cm

Transversal movement speed:

13 cm/sec

Table weight rating:

250 kg

Rotation around horizontal axis:

334° (120° / -214°)

Table detector horizontal travel:

61 cm

Rotation around vertical axis:

334° (138° / -200°)

### WS99(N) WALL STAND (DETECTOR)

Mounting:

Wall & Floor  
(option: floor-only)

Min. / Max. center to floor distance:

30 / 183 cm (option: +20 cm)

Vertical travel:

153 cm (option: +20cm)

Tilt (option):

90° / -25°

Vertical movement speed:

15 cm/sec

## CERTIFICATIONS

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C200 Radiographic System Info Sheet – Version 1.0 – April 2021

Authorized reseller:



Tel: +373 22 808022  
Mob: +373 69 200303  
[www.moldanservice.md](http://www.moldanservice.md)



R. Moldova, MD 2001  
Mun. Chisinau, Str. Sciusev, 16  
E-mail: [office@moldanservice.md](mailto:office@moldanservice.md)



## PERFORM-X C300 AUTO-STITCHING AND AUTO-TRACKING RADIOGRAPHIC SYSTEM



The C300 ceiling-mounted system takes 3 individual overlapping images and combines them into one seamless study. Automatic system positioning to take 3 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

### KEY FEATURES:

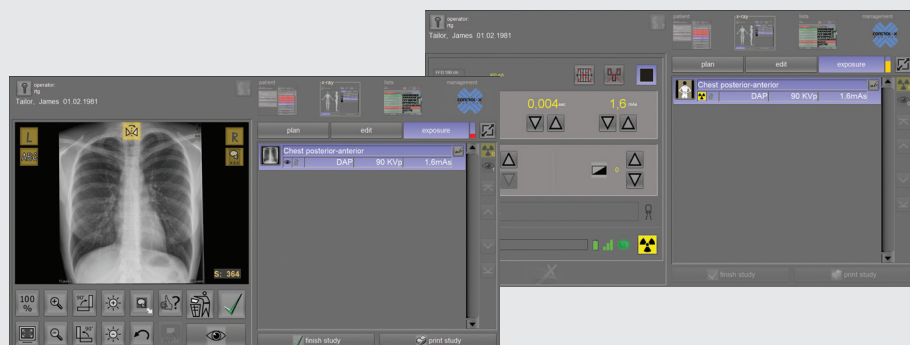
- auto-stitching functions (with fixed focus position) for wall stand with optional stitching stand
- 2-way vertical auto-tracking between tube assembly and wall stand receptor (dynamic master/slave function)
- 2-way vertical auto-tracking between tube assembly and table receptor (dynamic master/slave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

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



### 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:	290 cm (depends on vertical travel of tube stand)	Recommended room size:	5 m x 4 m
<b>CTM-200 CEILING STAND (X-RAY TUBE)</b>		<b>PHOENIX 2 ELEVATING TABLE (TABLE TOP)</b>	
Vertical travel:	135 / 150 / 180 cm	Height:	45-90 cm
Vertical movement speed:	15 cm/sec	Vertical movement speed:	2,2 cm/sec
Min. / Max. focus to floor distance:	30 / 180 cm (depends on vertical travel and ceiling height)	Size (patient surface):	220 x 81 cm
Longitudinal travel:	357 cm (option: +140 cm)	Longitudinal travel:	60 / 50 cm
Longitudinal movement speed:	25 cm/sec	Transverse travel:	+ / - 12,5 cm
Transversal travel:	207 cm (option: 287 cm)	Table top - image receptor distance:	7 cm
Transversal movement speed:	13 cm/sec	Table weight rating:	250 kg
Rotation around horizontal axis:	334° (120° / -214°)	Table detector horizontal travel:	61 cm
Rotation around vertical axis:	338° (138° / -200°)		

## WS99(N) WALL STAND (DETECTOR)

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

## CERTIFICATIONS

ISO 13485, CE marked and FDA cleared



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Authorized reseller:



Tel: +373 22 808022  
Mob: +373 69 200303  
[www.moldanservice.md](http://www.moldanservice.md)



R. Moldova, MD 2001  
Mun. Chisinau, Str. Sciusev, 16  
E-mail: [office@moldanservice.md](mailto:office@moldanservice.md)

## PERFORM-X C400 AUTO-POSITIONING RADIOGRAPHIC SYSTEM



The C400 is our most advanced ceiling-mounted X-ray system. It features APR-based fully motorized device positioning for precise and fast workflow and anti-collision sensors for safe operation. Our Perform-X advanced systems feature the CTM-200 Ceiling Tube Telescope, the WS99(N) 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 transverse movement of tube stand (with manual override)
- motorized tube rotation on the horizontal axis (with manual override)
- motorized tube rotation on the vertical axis (with manual override)
- motorized vertical movement of wall stand (with manual override)
- motorized elevating radiographic table
- motorized table receptor auto-centering (with manual override)
- longitudinal and vertical SID measurement
- optional manual or motorized receptor tilting for wall stand

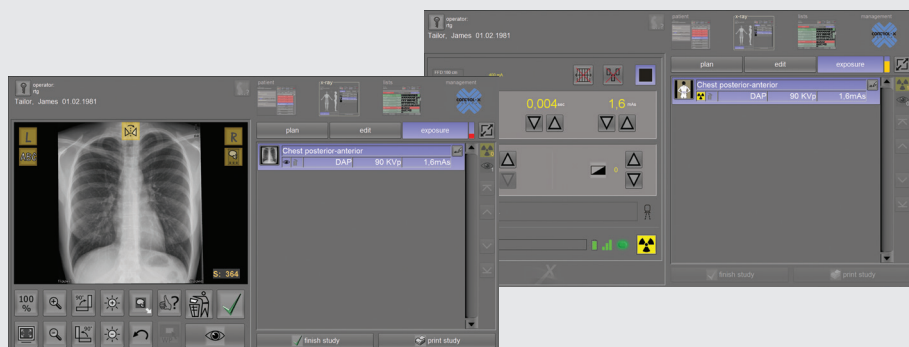
We also offer a choice of components such as digital panels, grids, X-ray tubes, collimators, AEC chambers, DAP meters, etc.

(\*) 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:	290 cm (depends on vertical travel of tube stand)	Recommended room size:	5 m x 4 m
<b>CTM-200 CEILING STAND (X-RAY TUBE)</b>		<b>PHOENIX 2 ELEVATING TABLE (TABLE TOP)</b>	
Vertical travel:	135 / 150 / 180 cm	Height:	45-90 cm
Vertical movement speed:	15 cm/sec	Vertical movement speed:	2,2 cm/sec
Min. / Max. focus to floor distance:	30 / 180 cm (depends on vertical travel and ceiling height)	Size (patient surface):	220 x 81 cm
Longitudinal travel:	343 cm (option: +140 cm)	Longitudinal travel:	60 / 50 cm
Longitudinal movement speed:	25 cm/sec	Transverse travel:	+ / - 12,5 cm
Transversal travel:	203 cm (option: 283 cm)	Table top - image receptor distance:	7 cm
Transversal movement speed:	13 cm/sec	Table weight rating:	250 kg
Rotation around horizontal axis:	334° (120° / -214°)	Table detector horizontal travel:	61 cm
Rotation around vertical axis:	334° (138° / -200°)		

## WS99(N) WALL STAND (DETECTOR)

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

## CERTIFICATIONS

ISO 13485, CE marked and FDA cleared



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C400 Radiographic System Info Sheet – Version 1.0 – April 2021

Authorized reseller:



Tel: +373 22 808022  
Mob: +373 69 200303  
[www.moldanservice.md](http://www.moldanservice.md)



R. Moldova, MD 2001  
Mun. Chisinau, Str. Sciusev, 16  
E-mail: [office@moldanservice.md](mailto:office@moldanservice.md)



## PERFORM-X F100 ADVANCED MANUAL RADIOGRAPHIC SYSTEM



The F100 manual setup stuns with its sleek design and advanced features such as digital SID measurement. It can also be customized with a range of available options.

### KEY FEATURES:

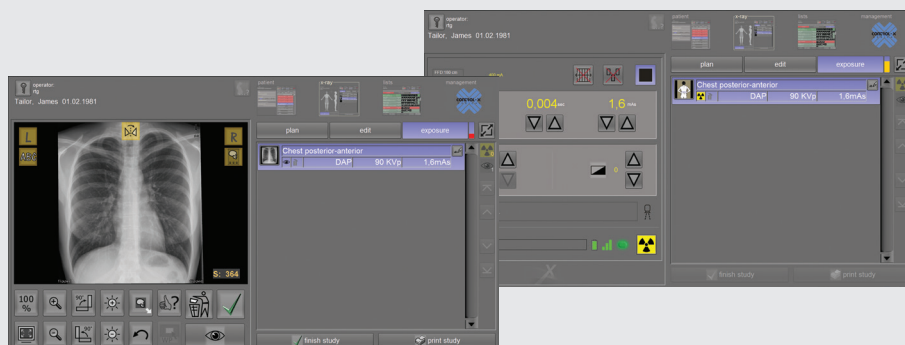
- longitudinal and vertical SID measurement
- manual vertical movement of X-ray tube assembly
- manual horizontal movement of tube stand
- manual tube rotation on the horizontal axis
- manual vertical movement of wall stand
- motorized elevating radiographic table
- optional motorized table receptor auto-centering
- optional manual column rotation
- optional manual transverse tube arm movement
- optional manual receptor tilting for wall stand



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

### INTEGRATED GENERATOR CONTROL AND IMAGE ACQUISITION

- Single console seamless workflow
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## 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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## TS99(N) FLOOR-MOUNTED TUBE STAND (X-RAY TUBE)

## 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:	250 kg
Rotation (around vertical axis – option):	+/-180°	Table detector horizontal travel:	61 cm

## WS99(N) 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

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## PERFORM-X F200 AUTO-TRACKING RADIOGRAPHIC SYSTEM



The F200 floor-mounted system increases examination precision and throughput with its auto-tracking functionality between the tube assembly and, respectively, the wall stand and the table receptor.

### KEY FEATURES:

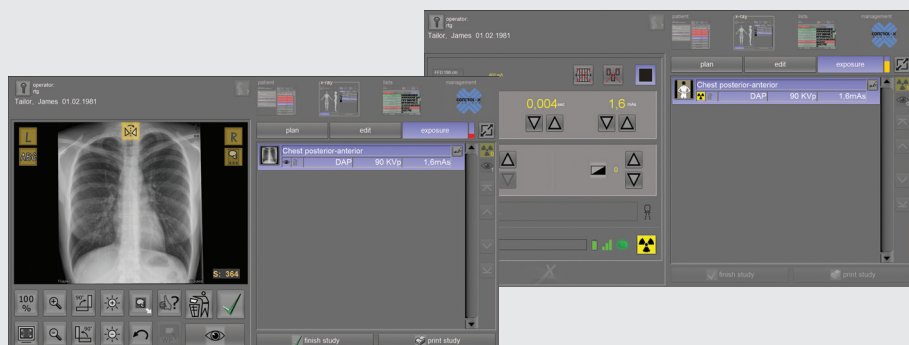
- 1-way (optional 2-way) vertical auto-tracking between tube assembly and wall stand receptor (receptor: master, tube: slave)
- 2-way vertical auto-tracking between tube assembly and table receptor (dynamic master/slave function)
- 1-way auto-centering between tube assembly and table receptor (tube: master, receptor: slave)
- motorized vertical movement of X-ray tube assembly (with manual override)
- manual horizontal movement of tube stand
- manual tube rotation on the horizontal axis
- manual 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 transverse tube arm movement
- optional manual or motorized receptor tilting for wall stand

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



### INTEGRATED GENERATOR CONTROL AND IMAGE ACQUISITION

- Single console seamless workflow
- Full DICOM compatibility
- Optional integrated DAP reporting
- Sophisticated image processing features
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## HIGH FREQUENCY GENERATOR

Output Power:	32 – 80 kW
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kVp Range:	40-150 kV
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## 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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## TS99(N) FLOOR-MOUNTED TUBE STAND (X-RAY TUBE)

## 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:	250 kg
Rotation (around vertical axis – option):	+/-180°	Table detector horizontal travel:	61 cm

## WS99(N) 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

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E-mail: [office@moldanservice.md](mailto:office@moldanservice.md)

## PERFORM-X F300 AUTO-STITCHING AND AUTO-TRACKING RADIOGRAPHIC SYSTEM



The F300 floor-mounted system takes 3 individual overlapping images and combines them into one seamless study. The Procedure is performed with constant focus and a rotating x-ray tube. A stitching stand is available to assist frail patients. Our Perform-X advanced systems feature the TS99(N) Tube Stand, the WS99(N) Wall Stand and the Phoenix 2 Elevating Radiographic Table.

### KEY FEATURES:

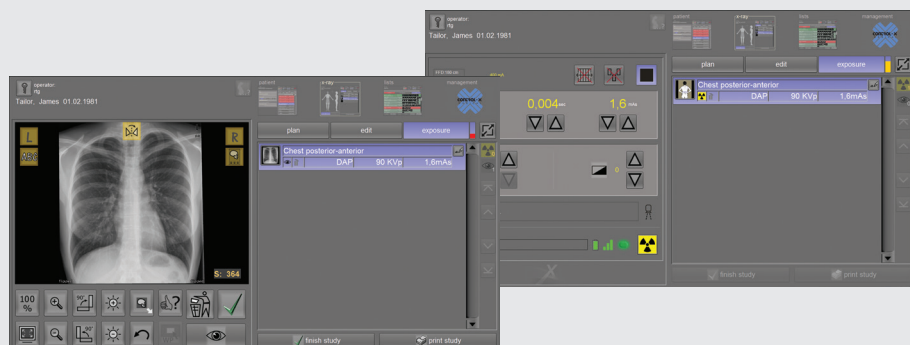
- auto-stitching for wall stand (with fixed focus position) with optional stitching stand
- 2-way vertical auto-tracking between tube assembly and wall stand receptor (dynamic master/slave function)
- 2-way vertical auto-tracking between tube assembly and table receptor (dynamic master/slave function)
- 1-way auto-centering between tube assembly and table receptor (tube: master, receptor: slave)
- motorized vertical movement of X-ray tube assembly (with manual override)
- manual horizontal movement of tube stand
- 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

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



### 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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## TS99(N) FLOOR-MOUNTED TUBE STAND (X-RAY TUBE)

## 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:	250 kg
Rotation (around vertical axis – option):	+/-180°	Table detector horizontal travel:	61 cm

## WS99(N) 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.hu](mailto:sales@cxmed.hu) or [sales@cxmed.com](mailto:sales@cxmed.com).

F300 Radiographic System Info Sheet – Version 1.0 – April 2021

Authorized reseller:



Tel: +373 22 808022  
Mob: +373 69 200303  
[www.moldanservice.md](http://www.moldanservice.md)



R. Moldova, MD 2001  
Mun. Chisinau, Str. Sciusev, 16  
E-mail: [office@moldanservice.md](mailto:office@moldanservice.md)



## 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 TS99(N) Tube Stand, the WS99(N) 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

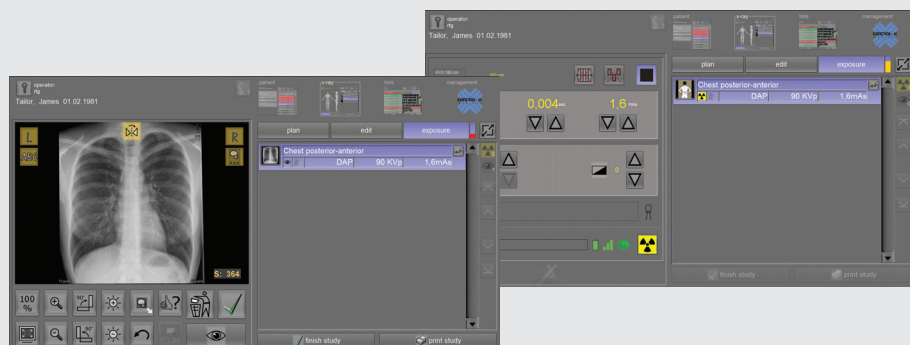
We also offer a choice of components such as digital panels, grids, X-ray tubes, collimators, AEC chambers, DAP meters, etc.

(\*) 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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## TS99(N) FLOOR-MOUNTED TUBE STAND (X-RAY TUBE)

## 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:	250 kg
Rotation (around vertical axis – option):	+/-180°	Table detector horizontal travel:	61 cm

## WS99(N) 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.hu](mailto:sales@cxmed.hu) or [sales@cxmed.com](mailto:sales@cxmed.com).

F400 Radiographic System Info Sheet – Version 1.0 – April 2021

Authorized reseller:



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E-mail: [office@moldanservice.md](mailto:office@moldanservice.md)

# DIGITAL CHEST

## RADIOGRAPHIC SYSTEM

### PERFORMANCE, SAFETY AND COMFORT

The Digital Chest Radiographic System is an excellent choice to **meet** the **demands** of **modern pulmonary screening**.

**Auto-tracking** options streamline positioning for **faster work-flow** as the system automatically aligns to operator adjustments.

An integrated, easy to use, **state of the art acquisition system**, with wide selection of High-Resolution digital receptors, provides **superior image quality for quick diagnoses**.

A **convenient**, easily accessible **fingertip control** with digital display supports **trouble free beam positioning**.

An anatomically programmed **(APR)**, ultra-high frequency generator **supports low-dose exposures** and makes parameter **set-up** and preparation quick and **easy**. Optional Automatic Exposure Control **(AEC)** **ensures optimum patient dose** while providing **excellent image quality**.



THE DIGITAL CHEST RADIOGRAPHIC SYSTEM IS THE RIGHT SOLUTION FOR  
DIGITAL PULMONARY IMAGING, EVEN IN LIMITED SPACES.

## TUBE AND WALL STAND

Maximum Beam Center to Floor:	189 cm / 74 3/8"
Vertical travel of receptor:	150 cm / 59"
SID range:	Fixed or variable SID (83 cm / 32" travel) with floor and wall rails
Fixed grid (optional bucky):	80 l/cm / 215 l/in, 10:1 ratio (other grids also available)

## HIGH FREQUENCY GENERATOR

Output Power:	32, 40 or 50 kW
mA Range:	10-630 mA
kVp Range:	40-150 kV

Stored energy generators are available up to 50 kW power.

## X-RAY TUBE

## COLLIMATOR

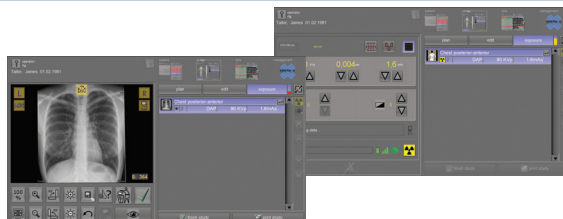
300 kHU 0.6-1.2 mm focal spots (other tubes available)	Manual, Laser Guided LED collimator
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## DIGITAL DETECTORS

Detector Sizes:	Standard 43x43 cm / 17"x17" fixed CsI panel (35x43 cm / 14"x17" or 43x43 cm / 17"x17" wireless panels also available)
Available pixel sizes:	100 micron, 127 micron, 140 micron, or 154 micron

## 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



## SYSTEM FOOTPRINT

Space requirement:	95 x 220 cm / 37 1/2" x 87" (SID 100 – 183 cm / 40" – 72")
Ceiling height requirement:	232 cm / 91"
System weight:	135 kg / 300 lb (tube stand), 105 kg / 235 lb (wall stand), 65-85 kg / 145-190 lb (generator)

## POWER REQUIREMENTS (SYSTEM)

Input Line Voltage: (Your input line voltage may limit the generator power)	1x230V (15A) for stored energy generators 3x400V (100/63A line rating) or 3x230V (100A) for three-phase generators 1x230V single-phase generators
--	---

## CERTIFICATIONS

ISO 13485, CE marked and FDA cleared



Please contact us at [sales@cxmed.hu](mailto:sales@cxmed.hu)  
or [sales@cxmed.com](mailto:sales@cxmed.com).

Digital Chest Radiographic System Info Sheet – Version 1.1 – April 2020

Authorized reseller:



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[www.moldanservice.md](http://www.moldanservice.md)



R. Moldova, MD 2001  
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E-mail: [office@moldanservice.md](mailto:office@moldanservice.md)



# PERFORM-X CLASSIC

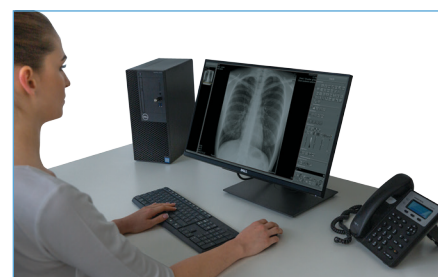
## RADIOGRAPHIC SYSTEM

### SIMPLICITY, PERFORMANCE AND SAFETY

Designed to withstand the rigors of the heaviest of caseloads, the Perform-X Classic offers performance, quality and durability at an exceptional price. The system combines hospital-grade components, DR features, a selection of durable elevating or fixed height radiographic tables into a pragmatic solution for a complete modern radiographic suite.

An integrated, easy to use, state of the art acquisition system, with wide selection of high-resolution digital receptors, provides superior image quality for quick diagnoses. A convenient, easily accessible fingertip control with digital display supports trouble free beam positioning and exposure preparation.

An anatomically programmed (APR), ultra-high frequency generator supports low-dose exposures and makes parameter set-up and preparation quick and easy. Optional Automatic Exposure Control (AEC) ensures optimum patient dose while providing excellent image quality.



Integrated generator control and image acquisition



Stylix 2 Fixed Height Table



**THE PERFORM-X CLASSIC SYSTEM IS THE RIGHT SOLUTION FOR DIGITAL IMAGING ON A LIMITED BUDGET.**



# SPECIFICATIONS

## TUBE AND WALL STAND

Vertical travel of x-ray tube (beam center):	35 cm - 185 cm / 14" - 73"
Vertical travel of wall receptor (centerline):	38 cm - 187 cm / 15" - 73 2/3"
Longitudinal travel of tube:	180 cm / 71" (with 247 cm / 97 1/4" rails), 290 cm / 114 1/4" (with 360 cm / 141 3/4" rails)
Fixed grid (optional bucky):	80 l/cm / 200 l/in, 10:1 ratio (other grids also available)

RADIOGRAPHIC TABLE PHOENIX 1 (ELEVATING) / STYLIX 2 (FIXED HEIGHT)		HIGH FREQUENCY GENERATOR	
Tabletop size:	220 cm x 81 cm (86" x 32") optional 185 cm / 73" length	Output Power:	32, 40 or 50 kW
Longitudinal travel:	110 cm / 43"	mA Range:	10-630 mA
Transverse travel:	±12 cm / 4 3/4" (optionally ±14 cm / 5 1/2")	kVp Range:	40-150 kV
Vertical travel range (Phoenix 1):	55 cm – 85 cm / 21 2/3" - 33 1/2"	Stored energy generators are available up to 50 kW power	

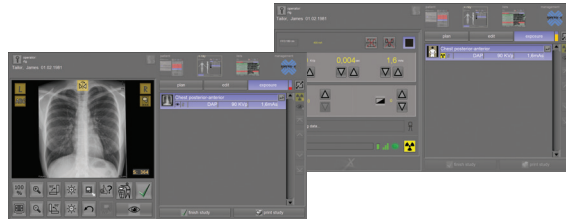
X-RAY TUBE	COLLIMATOR
300 kHU 0.6-1.2 mm focal spots (other tubes available)	Manual, Laser Guided LED collimator

## DIGITAL DETECTORS

Detector options:	43x43 cm / 17"x17" or 35x43 cm / 14"x17" fixed or wireless panels with various resolutions available
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## 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



SYSTEM FOOTPRINT		POWER REQUIREMENTS (SYSTEM)	
Space requirement:	8 m <sup>2</sup> ; 2.5 m x 3.2 m (86.1 sq. ft.; 8.2' x 10.5') with 247 cm (97 1/4") rails, without generator 12.5 m <sup>2</sup> ; 2.5 x 5 m (134.5 sq. ft.; 8.2' x 16.4') with 360 cm (141 3/4") rails, without generator	Input Line Voltage: (Your input line voltage may limit the generator power)	1x230V (15A) for stored energy generators 3x230V / 3x400V for three-phase generators
Ceiling height requirement:	245 cm / 96 1/2"		

## CERTIFICATIONS

ISO 13485, CE marked and FDA cleared



Please contact us at [sales@cxmed.hu](mailto:sales@cxmed.hu)  
or [sales@cxmed.com](mailto:sales@cxmed.com).

Perform-X Classic System Info Sheet – Version 1.0 – July 2020

Authorized reseller:



Tel: +373 22 808022  
Mob: +373 69 200303  
[www.moldanservice.md](http://www.moldanservice.md)



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E-mail: [office@moldanservice.md](mailto:office@moldanservice.md)



**control-x**  
MEDICAL

[cxmed.com](http://cxmed.com)

**30** YEARS

# PERFORM-X

DIAGNOSTIC X-RAY SYSTEMS



# A MEDICAL DIAGNOSTIC SUITE THAT MEETS ALL YOUR NEEDS

## The Perform-X System family:

- sophisticated yet cost-effective
- ceiling- or floor-mounted configuration
- full automation option
- wide range of generator options
- digital imaging for all types of practices
- motorized, zero force movement for operator convenience

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



PERFORMANCE



FLEXIBILITY



SAFETY

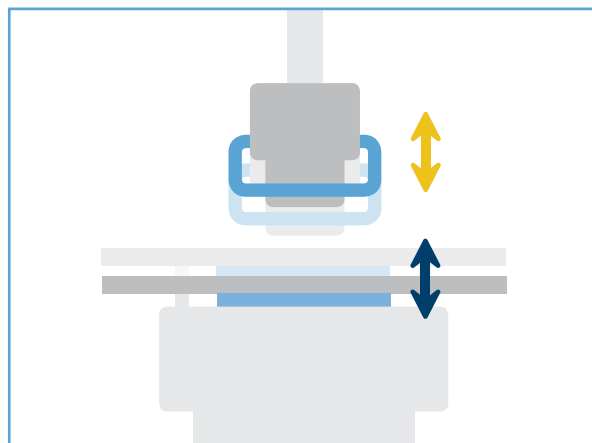
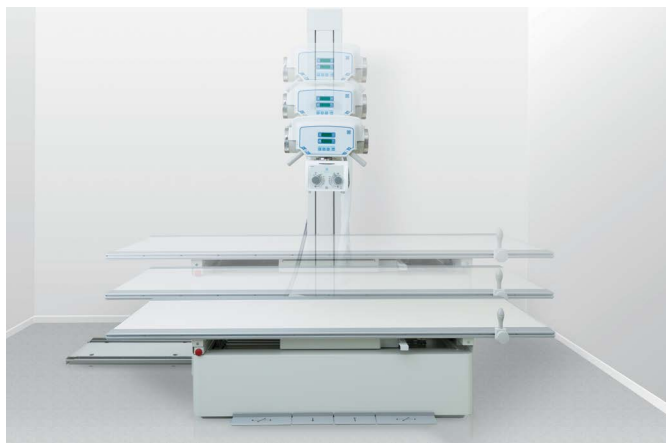


AFFORDABILITY

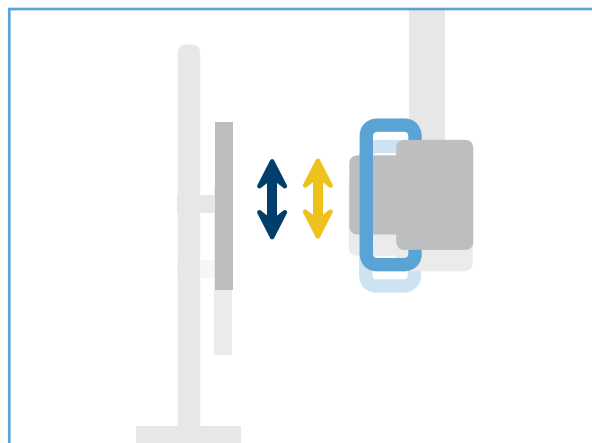
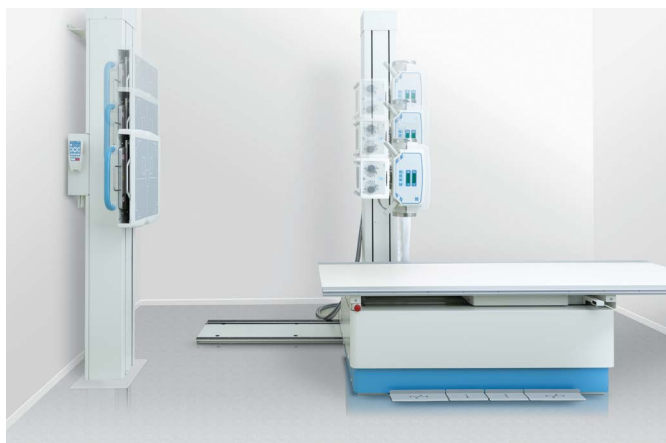


# FEATURES TO INCREASE PATIENT THROUGHPUT, CHOICE OF STUDIES AND OPERATOR COMFORT

## AUTO-TRACKING

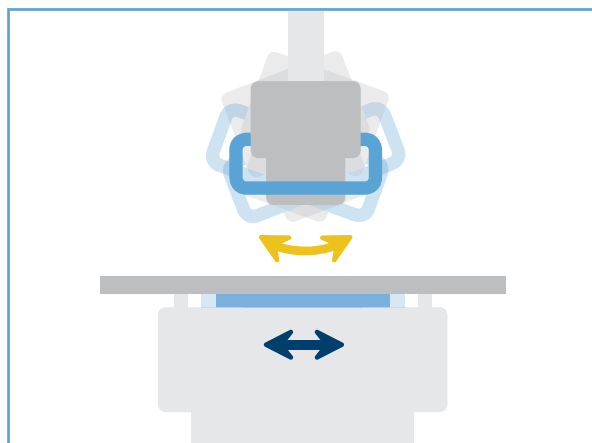


Motorized two-way vertical syncing of x-ray tube and table top, keeping preset source-image distance (SID) constant



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

## TABLE IMAGE RECEPTOR AUTO ALIGNMENT

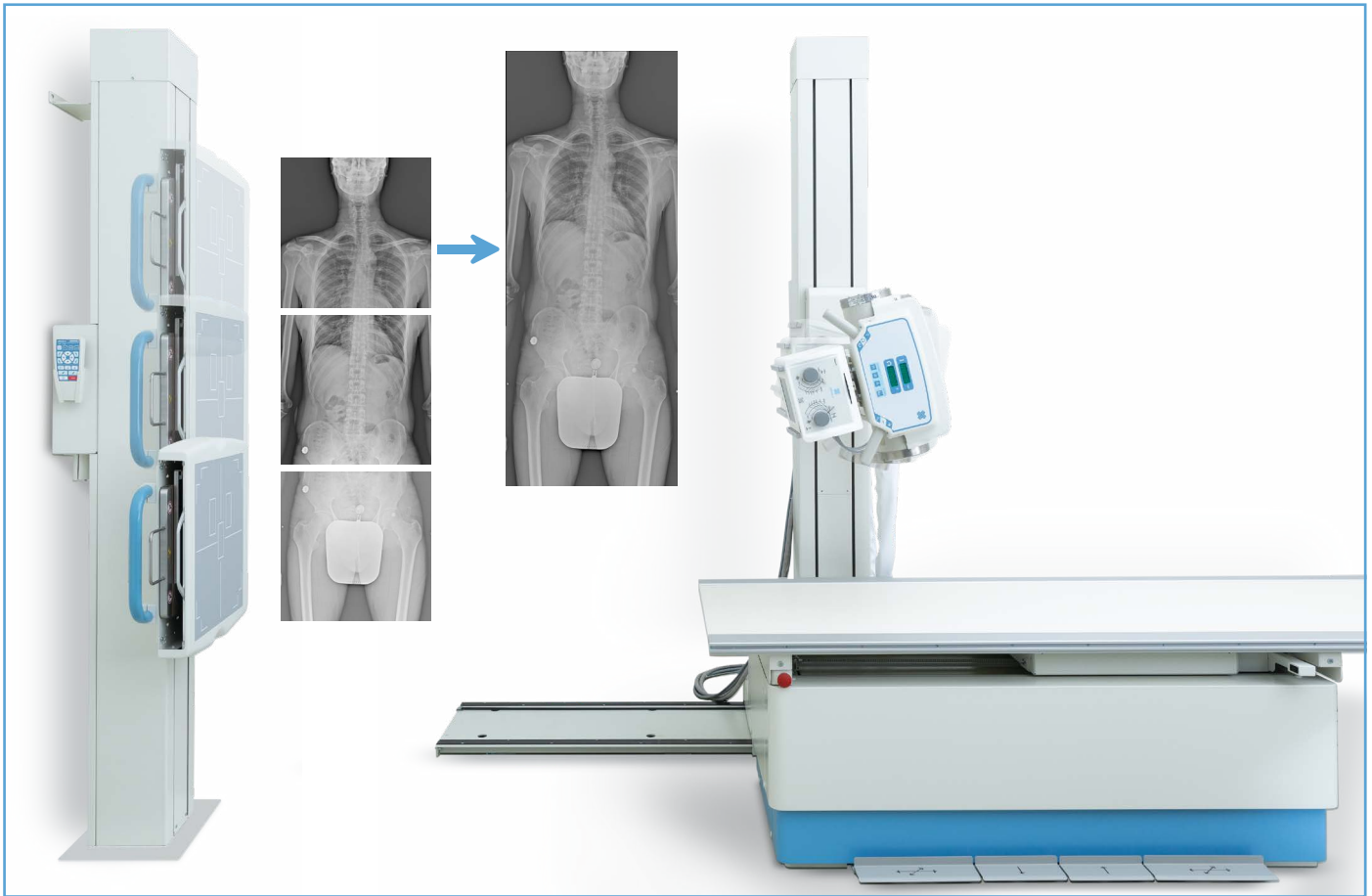


Motorized alignment of table image receptor with x-ray tube movement and rotation



## 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 stability stand is available to assist frail patients.



## AUTO-POSITIONING

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



FOR A VIDEO FEATURING THE AUTOMATED  
PERFORM-X SYSTEM SCAN QR CODE





## CEILING-MOUNTED SYSTEM

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

## WALL STAND

- Receptor travels to the floor
- Fail safe electromagnetic brakes

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

## LCD TOUCH SCREEN DISPLAY

- Control all movements in one place
- Fast access to favorite positions
- Heads-up display of key information
- Access to advanced features
- System status and error monitoring
- Integrated generator parameter control

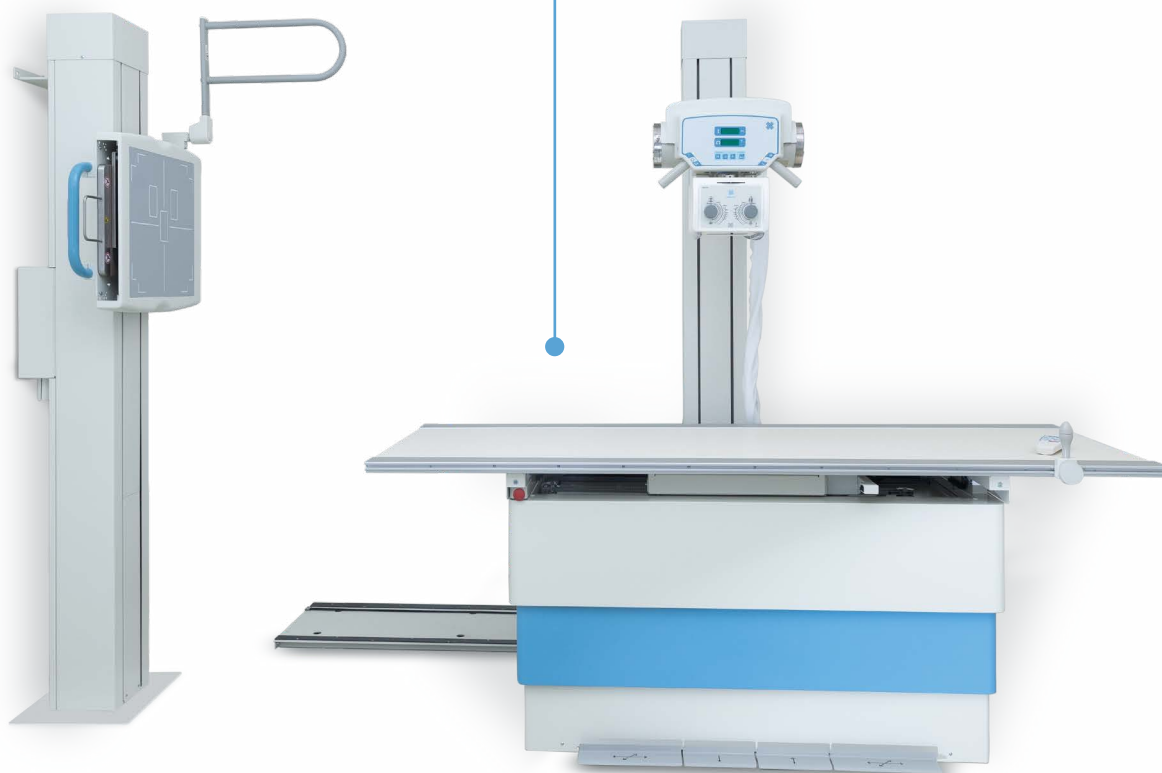
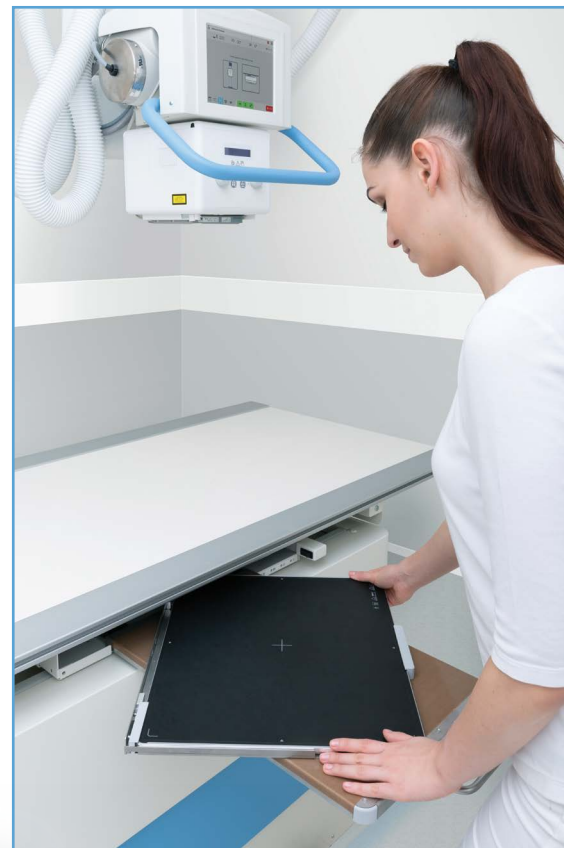


## FLOOR-MOUNTED SYSTEMS

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

## PHOENIX ELEVATING TABLE

- 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 (fixed or oscillating)
- Certified manual or automatic LED collimators with laser guide



## GENERATOR OPTIONS

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



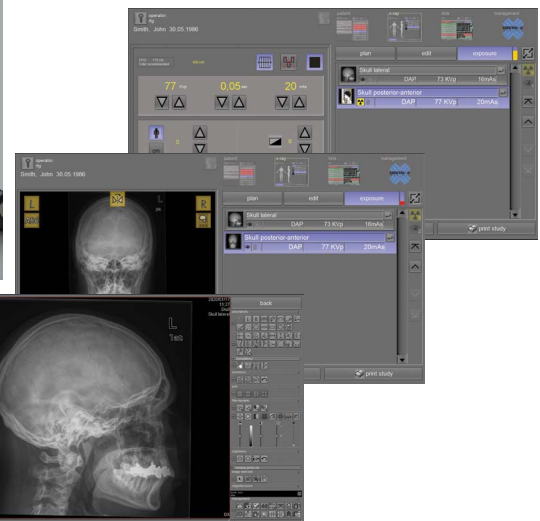
## INTEGRATED GENERATOR CONTROL AND IMAGE ACQUISITION

Single console seamless workflow:

- Unlimited APRs
- Full DICOM compatibility
- Integrated DAP reporting

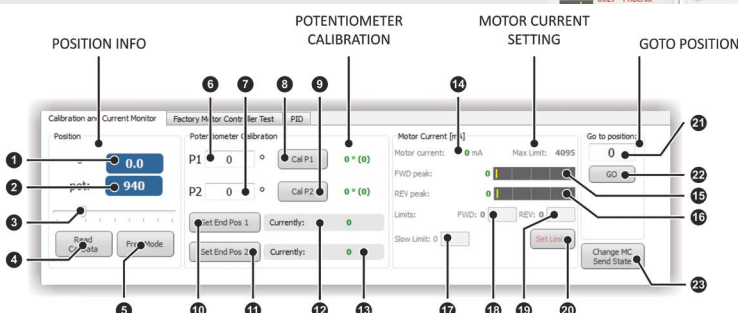
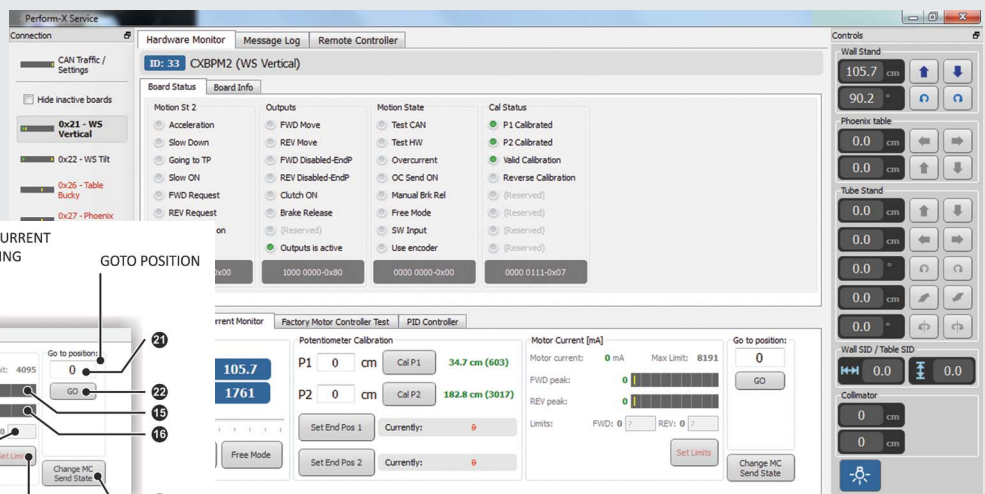
Sophisticated image processing features:

- 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

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.hu](mailto:sales@cxmed.hu)  
or [sales@cxmed.com](mailto:sales@cxmed.com)

Perform-X system brochure - Version 1.0 – March 2020

Authorized distributor:



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# RADIOLOGIX

## RADIOGRAPHIC SYSTEM

### SIMPLICITY, PERFORMANCE AND SAFETY

The RadioLogiX Radiographic System offers performance, quality and durability at an exceptional price. The compact design is perfect for small rad rooms. The system combines hospital-grade components, DR features, a selection of durable elevating or fixed height radiographic tables into a pragmatic solution for a complete modern radiographic suite. An integrated, easy to use, state of the art acquisition system, with wide selection of High-Resolution digital receptors, provides superior image quality for quick diagnoses.

A convenient, easily accessible fingertip control with digital display supports trouble free beam positioning. An anatomically programmed (APR), ultra-high frequency generator supports low-dose exposures and makes parameter set-up and preparation quick and easy. Optional Automatic Exposure Control (AEC) ensures optimum patient dose while providing excellent image quality.



**THE RADIOLOGIX SYSTEM IS THE RIGHT SOLUTION FOR DIGITAL IMAGING,  
EVEN IN LIMITED SPACES AND A LIMITED BUDGET.**



# SPECIFICATIONS

## TUBE AND WALL STAND

Vertical travel of x-ray tube (beam center):	30 cm - 185 cm / 12" - 73"
Vertical travel of wall receptor (centerline):	38 cm - 190 cm / 15" - 75"
Longitudinal travel of tube:	185 cm / 73"
Fixed grid (optional bucky):	80 l/cm / 200 l/in, 10:1 ratio (other grids also available)

### RADIOGRAPHIC TABLE PHOENIX 1 (ELEVATING) / STYLIX 2 (FIXED HEIGHT)

Tabletop size:	220 cm x 81 cm (86" x 32") optional 185 cm / 73" length	Output Power:	32, 40 or 50 kW
Longitudinal travel:	110 cm / 43"	mA Range:	10-630 mA
Transverse travel:	±12 cm / 4 3/4" (optionally ±14 cm / 5 1/2")	kVp Range:	40-150 kV
Vertical travel range (Phoenix 1):	55 cm – 85 cm / 21 2/3" - 33 1/2"	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

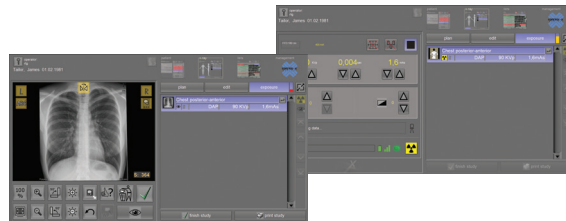
Manual, Laser Guided LED collimator

## DIGITAL DETECTORS

Detector options:	43x43 cm / 17"x17" or 35x43 cm / 14"x17" fixed or wireless panels with various resolutions available
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## 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



### SYSTEM FOOTPRINT

Space requirement:	140 cm x 340 cm / 55" x 134" (SID 100 cm – 181 cm / 40" – 71 1/4")	Input Line Voltage: (Your input line voltage may limit the generator power)	1x230V (15A) for stored energy generators 3x230V / 3x400V for three-phase generators
Ceiling height requirement:	242 cm / 95 1/4"		

### CERTIFICATIONS

ISO 13485, CE marked and FDA cleared



Please contact us at [sales@cxmed.hu](mailto:sales@cxmed.hu)  
or [sales@cxmed.com](mailto:sales@cxmed.com).

RadioLogix System Info Sheet – Version 1.0 – July 2020

Authorized reseller:



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R. Moldova, MD 2001  
Mun. Chisinau, Str. Sciusev, 16  
E-mail: [office@moldanservice.md](mailto:office@moldanservice.md)



cxmed.com

# Z-MOTION

## UNIVERSAL DIAGNOSTIC X-RAY SYSTEM





# A UNIVERSAL DIAGNOSTIC SUITE THAT MEETS ALL YOUR NEEDS

- Single detector general purpose radiographic system
- Preset positions for fast and convenient workflow
- Extra-wide (100-200 cm) SID range
- Auto-stitching for full-spine or full-leg procedures
- Advanced anti-collision features
- Suite of accessories including mobile Z-Table and Stitching stand

- ✓ **FULLY MOTORIZED**
- ✓ **MANUAL OVERRIDE**
- ✓ **PRESET POSITIONS**
- ✓ **AUTO-STITCHING**



PERFORMANCE



COMPACT DESIGN



SAFETY



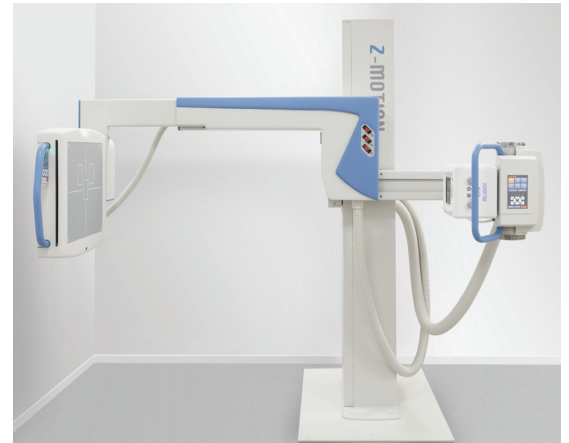
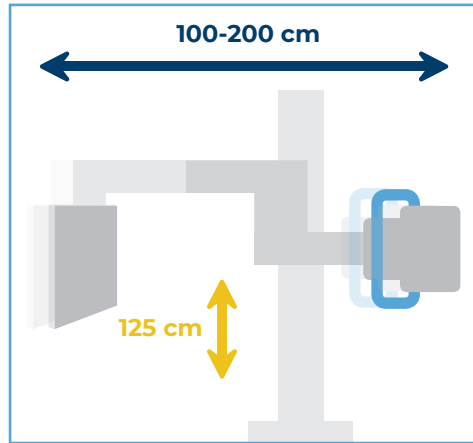
MULTIPURPOSE

► This brochure features both standard and optional elements.

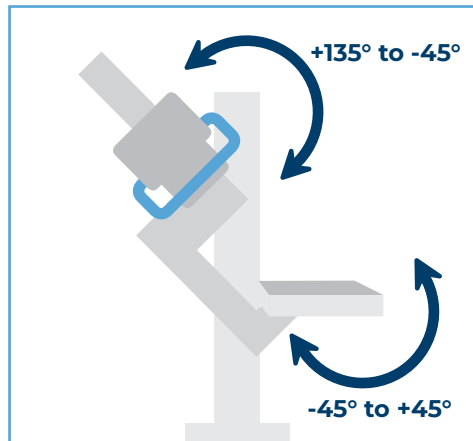


# FEATURES TO INCREASE PATIENT THROUGHPUT, CHOICE OF STUDIES AND OPERATOR COMFORT

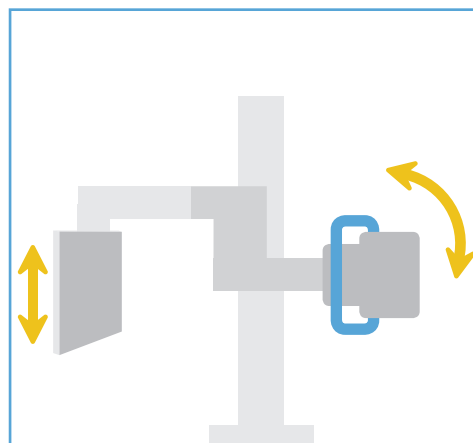
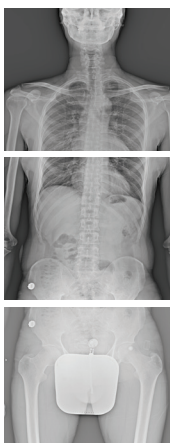
## BEST-IN-CLASS SID RANGE



## OBLIQUE STUDIES IN 180° RANGE



## AUTO-STITCHING FOR FULL-SPINE OR FULL-LEG PROCEDURES - CONSTANT FOCUS POINT (2 OR 3 FRAMES)







## STITCHING STAND

- Reduced patient movement for optimal image quality
- High patient comfort and safety
- Adjustable handles
- Easily maneuverable on 4 castors

## TOUCHSCREEN CONSOLE AND TUBE ASSEMBLY

- User programmable preset positions
- Automatic landscape/portrait view
- Access to stitching workflow
- Optional motorized collimator
- Rotating tube assembly (180°) for flexible positioning

## FULLY COUNTERBALANCED CONSTRUCTION

- Quick and easy manual positioning
- Low impact motors for maximum patient safety
- Proximity sensors to prevent collision

## DETECTOR-SIDE HANDLE AND CONTROL

- Precise adjustment to patient height
- Remote collimator light switch
- System status displays
- Configurable brake release switch

## Z-TABLE

- Portable four-way radiographic table
- Mechanical brake release, no power cord
- Optimal for lateral exposures with short SID
- Large castors for easy maneuverability





# SPECIFICATIONS

## Z-MOTION MOTORIZED STAND

Motorized movements	4 movements with electric brakes and clutches
Vertical motion range	125 cm (49 1/4") (motorized and manual)
Adjustable SID	100 to 200 cm (39 1/2" to 78 3/4") (motorized and manual)
Arm rotation	-45° to +135° (motorized and manual)
Detector tilt	-45° to +45° (motorized)
X-ray tube rotation	180° (non-motorized)
Manual movement	Counterbalanced horizontal, vertical and rotational movement
Tube-side control	7" LCD screen with automatic image rotation
Remote control (optional)	Wireless

## FOUR-WAY FLOATING TOP Z-TABLE (OPTIONAL)

## HIGH FREQUENCY GENERATOR

Tabletop size	200 cm x 66 cm (78 3/4" x 26")	Output Power	32, 40, 50, 65 or 80 kW
Fixed tabletop height	76 cm (30")	mA Range	10-1000 mA
Tabletop longitudinal travel	+/- 35 cm (13 3/4")	kVp Range	40-150 kV
Tabletop lateral travel	+/- 13,4 cm (5 1/4")	mAs Range	0.1-800 mAs
Patient load	Max. 150 kg (330 lb.)	Stored energy generators are available up to 50 kW power	

## X-RAY TUBE

## COLLIMATOR

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

Manual (optional automatic), Laser Guided LED collimator

## DIGITAL DETECTORS

Detector options

43x43 cm (17"x17") or 35x43 cm (14"x17") fixed or wireless panels with various resolutions available

## SYSTEM FOOTPRINT

Minimum floor space (W x D) without portable table	265 cm x 150 cm (4 m²) 8'8"x5' (43 ft²)
Minimum floor space (W x D) with portable table	265 cm x 265 cm (7 m²) 8'8"x8'8" (75 ft²)
Recommended floor space (W x D) without portable table	300 cm x 220 cm (6,6 m²) 9'10"x7'3" (71 ft²)
Recommended floor space (W x D) with portable table	300 cm x 400 cm (12 m²) 9'10"x13' (130 ft²)
Ceiling height requirement	240 cm (7' 10 1/2")

## POWER REQUIREMENTS (SYSTEM)

Input Line Voltage  
(Your input line properties may limit generator power)

1x230V (15A) for stored energy generators  
3x230V / 3x400V for three-phase generators

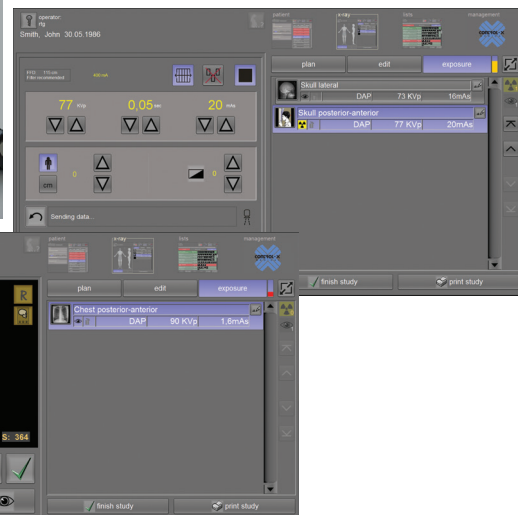
## INTEGRATED GENERATOR CONTROL AND IMAGE ACQUISITION

Single console seamless workflow:

- Full DICOM compatibility
- Integrated DAP reporting

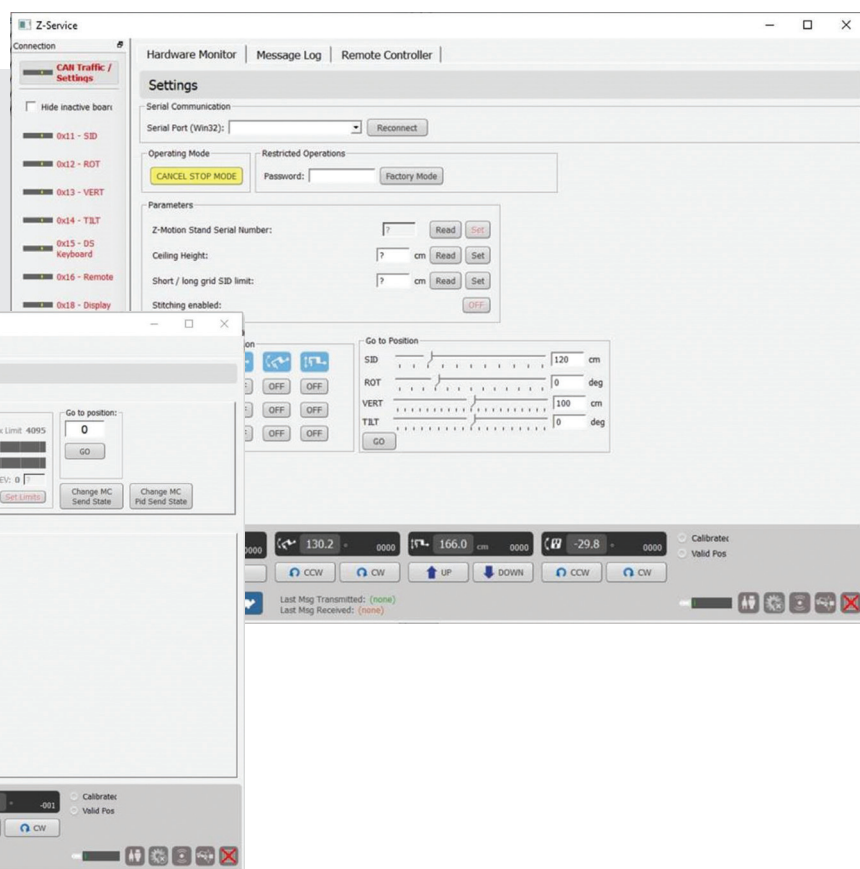
Sophisticated image processing features:

- 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

Advanced diagnostic software allows troubleshooting and service to minimize downtime.



## CERTIFICATIONS

ISO 13485, CE marked and FDA cleared



Please contact us at [sales@cxmed.com](mailto:sales@cxmed.com)

Z-MOTION system brochure – Version 3.0 – March 2021

Authorized reseller:



Tel: +373 22 808022  
Mob: +373 69 200303  
[www.moldanservice.md](http://www.moldanservice.md)



R. Moldova, MD 2001  
Mun. Chisinau, Str. Sciusev, 16  
E-mail: [office@moldanservice.md](mailto:office@moldanservice.md)



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# EQUINE X-RAY SYSTEMS



## VETERINARY X-RAY SYSTEMS FOR TODAY AND TOMORROW

Control-X Medical's **ZooMax Equine Radio-graphic System** is installed in leading **US, German and Scandinavian veterinary university clinics**. The **dual or triple overhead telescope system is highly versatile to provide the perfect diagnostic imaging solution for large animal health centers**. It essentially allows for every desired exposure, from the hoof to the head of the patient.

Our extensive experience in the field of radiography ensures that consistent, high-resolution images will be achieved by a heavy-duty system that is safe, efficient and user-friendly. The powerful high frequency generator – matched with the corresponding x-ray tube – provides high quality results even in cases of difficult lung or abdominal examinations involving high tissue densities.

Owing to the **auto-tracking** feature of the system, the receptor aligns easily with the tube on the vertical axis, at the push of a button, without disturbing the patient. Moreover, all positioning movements can be done effortlessly and quietly thanks to the electromagnetic brakes, which control all longitudinal, transversal and vertical movements of the system. In the three-telescope configuration the second (free) tube telescope can be used even for the most challenging exposures.



# THE INNOVATIVE ZOOMAX EQUINE FEATURES

## A HEAVY-DUTY, HIGH-POWER DUAL- OR TRIPLE-OVERHEAD TELESCOPE AUTO-TRACKING RADIOGRAPHIC SYSTEM

### KEY FEATURES

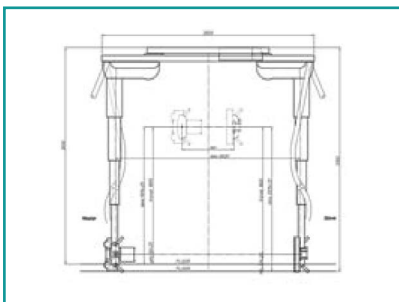
This innovative new system offers you a dual overhead tube and cassette tandem system including:

- **Motorized vertical movement** of the slave (**receptor**) telescope
- **Automatic alignment/tracking** of the slave (**receptor**) telescope to the manual vertical movements of the master (**tube**) telescope
- **Standard lateral motorization** of the slave (**receptor**) telescope
- **Optional longitudinal motorization** of the master (**x-ray tube**) telescope
- Both overheads have control boxes with brake releases for all telescope movements and for rotational movement around horizontal and vertical axes
- Push button for collimator light-field on control boxes
- Display of SID for vertical and horizontal exposures as well as of tube rotation angles
- **High-power output generator and matching x-ray tube**

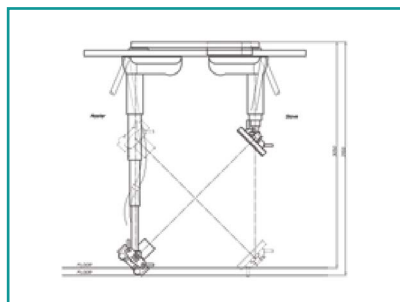
### DIMENSIONS

- Longitudinal rails of 440 cm (173") length (extension option in steps of 140 cm (55"))
- Transversal bridge of 300 cm (118") length for the master telescope (tube) and for the slave (receptor) telescope (optional bridge length of 380 cm (149 <sup>2</sup>/<sub>3</sub>"))
- Bridge travel on the longitudinal rails ~350 cm (138")
- Master/slave transversal bridge travel ~380 cm (150")
- Master and slave telescope with vertical travel of 180 cm (70 <sup>3</sup>/<sub>4</sub>") or – optionally, with an add-on price – 195 cm (76 <sup>3</sup>/<sub>4</sub>"))
- Lateral SID ~50 cm to ~320 cm (20" to 126")
- Tube head support with 32 cm (13") of horizontal travel and electromechanical brakes
- Cassette holder for standard-size detectors, complete with fixed grid

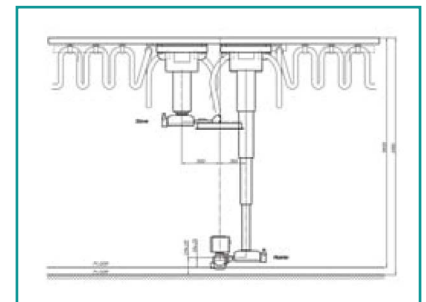
### VERSATILITY OF EXAMINATIONS - DIMENSIONAL DRAWINGS



► Extended vertical travel allows examinations in full range



► Axial shots from any angulation



► Ventro-dorsalis projection



### THREE-TELESCOPE CONFIGURATION

The ZooMax Equine system is also available in a three telescope configuration consisting of a master-slave tube-receptor telescope pair and a „free“ x-ray tube.

The second (free) tube telescope allows wider options for the positioning of the animal and is thus available for lower extremity, hoof exposures.

### CERTIFICATIONS

Control-X Medical veterinary diagnostic products are CE marked.



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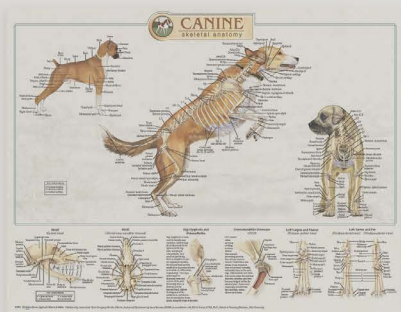




30 YEARS

[cxmed.com](http://cxmed.com)

# VETERINARY X-RAY SYSTEMS



► ZooMax White Digital System with 10" LCD display



# A VETERINARY DIAGNOSTIC SUITE THAT MEETS ALL YOUR NEEDS

**ZooMax family of veterinary diagnostic suites offers solutions for all types of practices:**

- Advanced and user-friendly
- Easy to operate
- All controls conveniently located
- High-quality, long-lasting components
- Robust digital imaging systems
- Variety of features and configurations



Performance



Safety



Durability



Simplicity



► ZooMax White System with membrane console and table top extension

## ZOOMAX GOLD – THE STANDARD SYSTEM

- Full power 32-50 kW
- Fixed tube stand
- Extendable 4-way float veterinary table (152 cm x 71 cm / 60" x 28")
- Fixed 100 cm (40") source-image distance (SID)
- Easy-to-use membrane console (optional LCD display)
- Fixed or removable digital panel
- Quick and easy installation

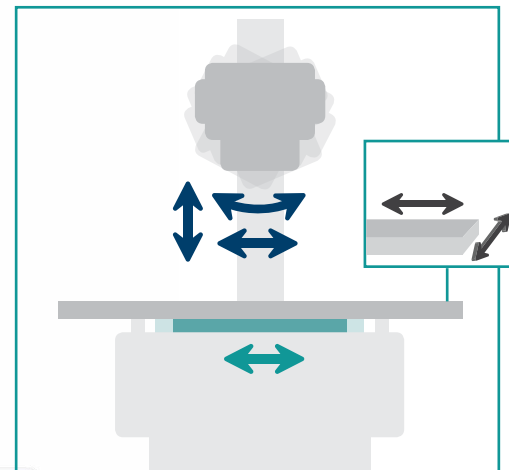


Also available with removable monoblock generator for clinical and in-field applications

## ZOOMAX WHITE - THE "ALL STAR" SYSTEM

### + ADDITIONAL FEATURES

- Fully adjustable tube stand with variable SID supports all types of examinations
- **Automated coupling** synchronizes horizontal movement of tube and receptor



► ZooMax White System

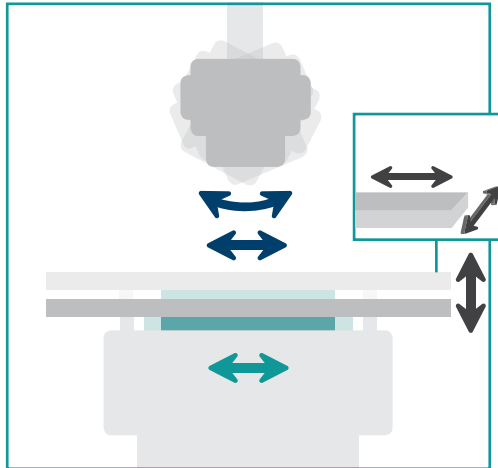


► Extendable table top

## ZOOMAX RED – THE MOST VERSATILE SYSTEM

### + ADDITIONAL FEATURES

- Ceiling-mounted x-ray tube support with horizontal travel, angulated tube positioning
- Adjustable telescope length for different ceiling heights
- Elevating, 4-way floating top table
- Complete freedom of positioning and access from all sides provides highest flexibility for studies on even larger patients



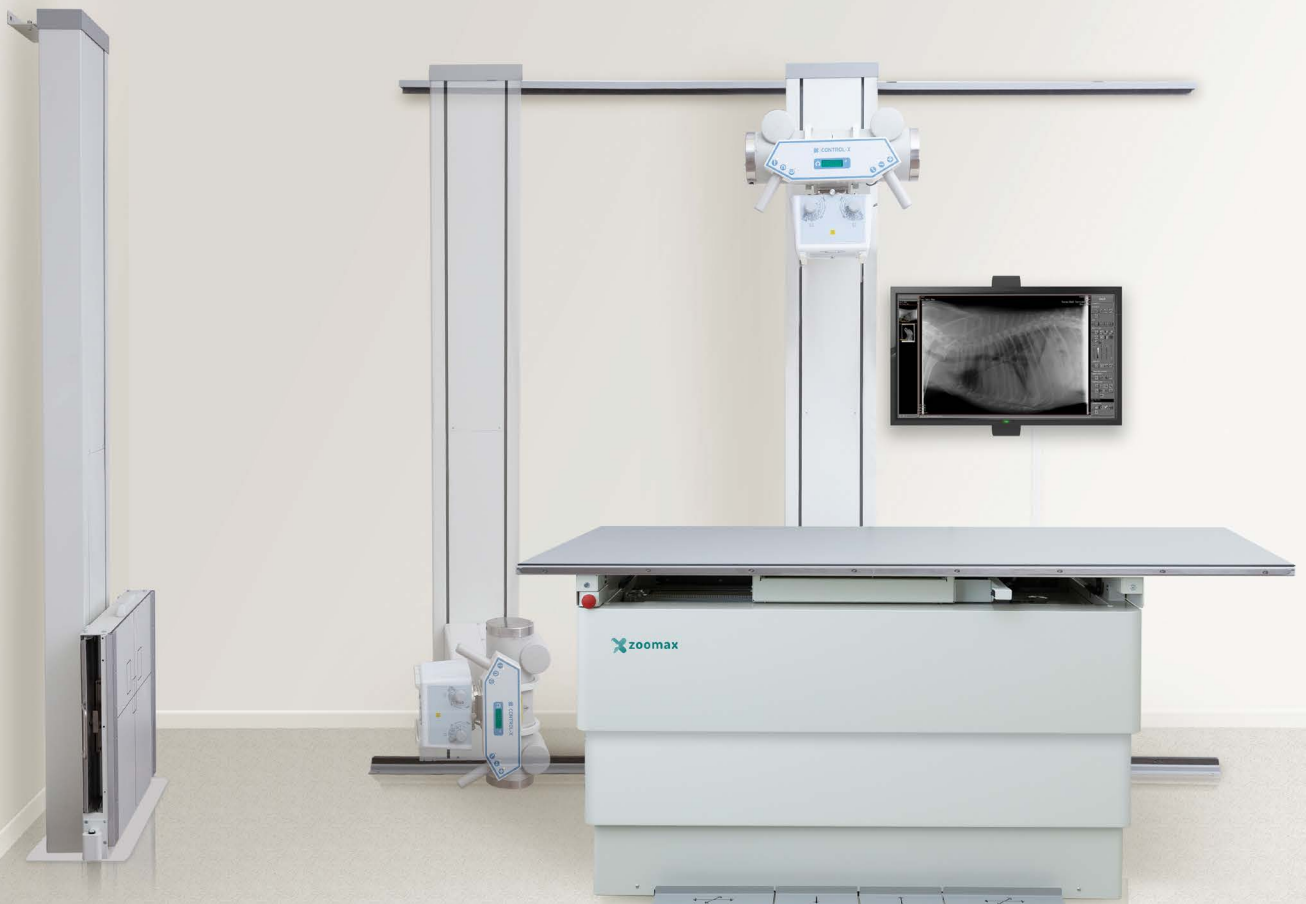
► Zoomax Red System



## ZOOMAX LIFT – THE TOP OF OUR PRODUCT LINE

### + ADDITIONAL FEATURES

- Floor-mounted x-ray tube support with extended horizontal travel, angulated tube positioning
- Elevating, 4-way floating top table
- Dedicated wall stand for standing/upright studies





## ZOOMAX ROLL - THE MOST COMPACT CONFIGURATION

- Fixed x-ray tube
- Receptor compartment mounted onto tube stand
- Rolling multi-purpose table
- Very small floor space requirement
- Powerful high-frequency generator or monoblock system



## MEMBRANE CONSOLE

- Full digital control of exposure parameters (kV, mA, mAs, sec)
- Advanced controls (Bucky, AEC)
- 100 possible APR settings for 10 different anatomical regions/species



## LCD TOUCH SCREEN DISPLAY + ADDITIONAL FEATURES

- Quick generator parameter selection
- Multiple species-specific organ trees
- Optimized workflow with favorite APRs and exposure history

## FIVE STANDARD CONFIGURATIONS

		Tube movement	Tube tilting	Table movement	Monoblock option
Configurations	ZooMax Lift	↕↔	↔	6-way table	—
	ZooMax Red	↔	↔	6-way table	—
	ZooMax White	↕↔	↔	4-way table	—
	ZooMax Gold	—	—	4-way table	✓
	ZooMax Roll	—	—	Rolling table	✓



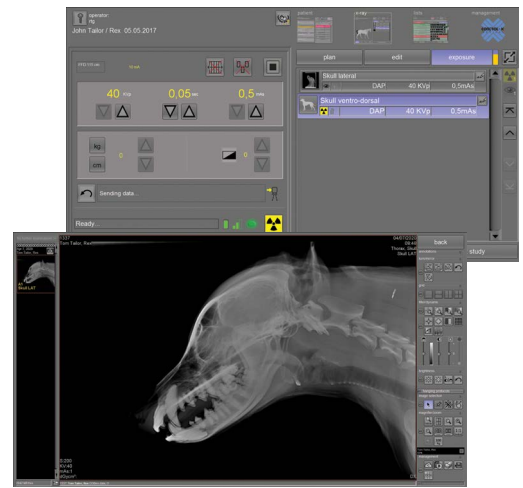
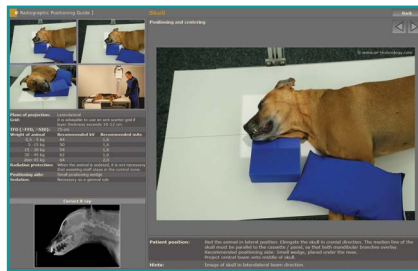
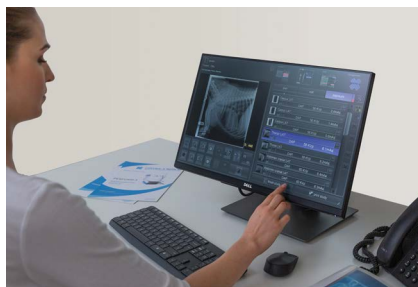
## INTEGRATED GENERATOR CONTROL AND IMAGE ACQUISITION

Single console seamless workflow:

- Unlimited APRs
- Full DICOM compatibility

Sophisticated image processing features:

- Grid suppression or gridless imaging
- Detector status indicators
- Wifi signal strength indicator
- Wide variety of DR detector choices
- Portable solutions with tablet, laptop workstation
- Mini PACS included
- Cloud storage available
- Mobile viewing on any device



Patient positioning guide

## HIGH QUALITY COMPONENTS

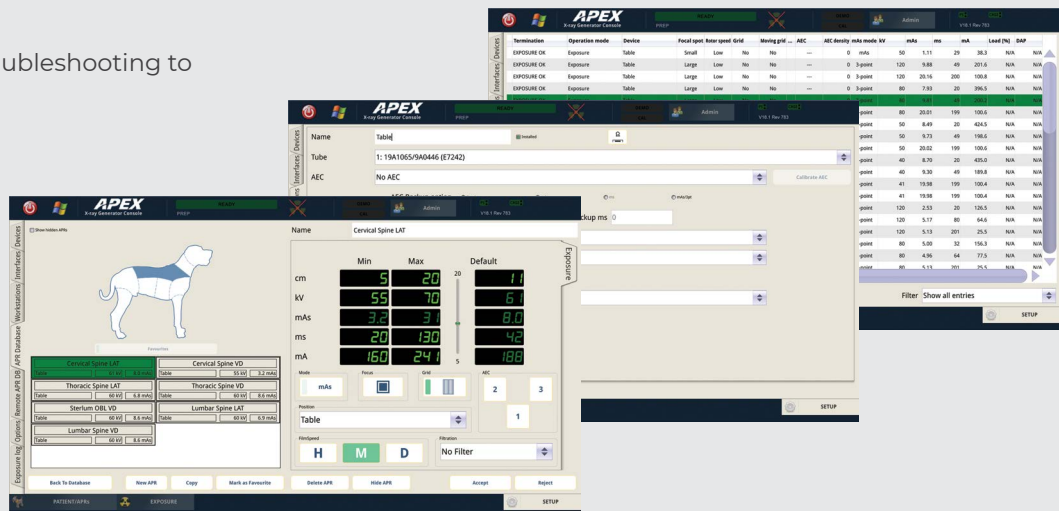
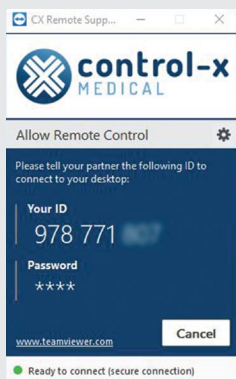
- Industry-leading x-ray tubes
- High-density removable grids
- Certified manual collimators with light beam or laser for easy positioning
- Powerful generators for minimal exposure times

## GENERATOR OPTIONS

- 32 kW to 50 kW output range
- Stored energy generators up to 50 kW (capacitor discharge) at 15 Amp
- 2.8 kW to 5 kW monoblock generators

## REMOTE SUPPORT

Service software allows troubleshooting to minimize downtime.



## CERTIFICATIONS

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ZooMax system brochure - Version 1.0 – May 2020

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R. Moldova, MD 2001  
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## ZOOMAX GOLD VETELEV SYSTEM



### VETELEV ELEVATING TABLE

A SIMPLIFIED AND COST-CONSCIOUS VERSION OF OUR POPULAR PHOENIX MEDICAL PATIENT TABLES, FEATURING



#### SUBSTANTIAL FREEDOM OF POSITIONING

- 36 cm vertical movement
- Floating table top with electromagnetic brakes (152 cm x 71 cm with extension option)
- Over 100 kg lifting capacity



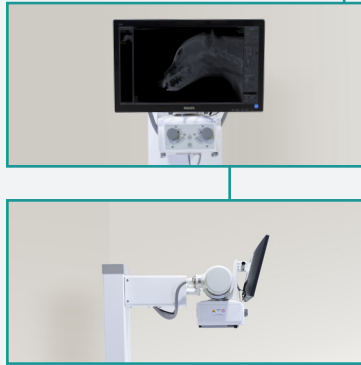
#### TOTAL SAFETY AND COMFORT

- Integrated crash guard sensors on the table
- Grid cabinet for standard cassette size wifi or fixed DR panels ensuring crystal clear images
- Configuration for fixed or removable grids, including safe „parking slot” for unused grid
- Wireless foot pedal (with long-life battery) to minimize cabling (optional)
- Foot pedal doubles as light field switch



## ZOOMAX TUBE STAND

- Sleek, robust design
- Fixed position tube with 100-136 cm SID (with Vetelev table)
- Free-standing setup for total positioning freedom (optional)



## SELECTION OF CONTROL CONSOLES

- 22" Touchscreen Monitor Console which can be used to set exposure parameters and for full image capture and analysis
- ZooMax LC or the CPI Rad Console which are membrane consoles offering the comfort of all key generator parameter settings, including APRs and advanced controls such as AEC



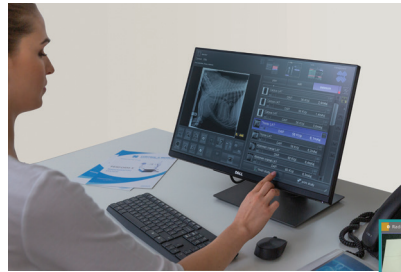
## INTEGRATED GENERATOR CONTROL AND IMAGE ACQUISITION

Single console seamless workflow:

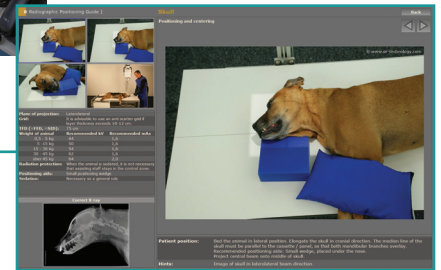
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Sophisticated image processing features:

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Patient positioning guide



## HIGH QUALITY COMPONENTS

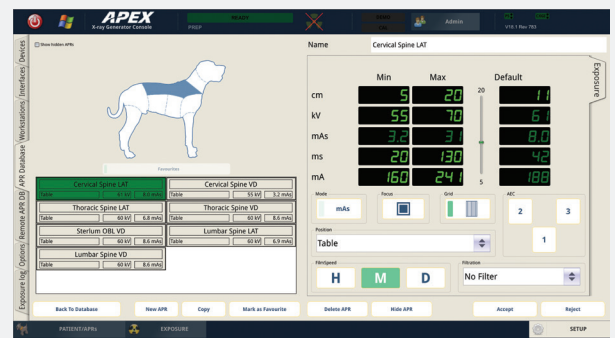
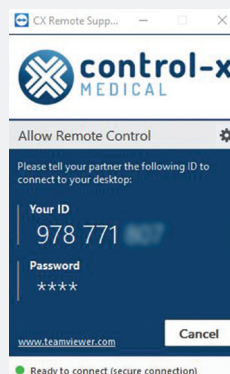
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