

X-SERIES DR TECHNOLOGY

2200



Visit imagingdynamics.com for more information on the 2200 X-Series.

*Product may not be exactly as illustrated.

X-SERIES DR TECHNOLOGY

2200

Choose Your DR Technology:

X4C IMAGING DETECTOR SPECIFICATIONS

Detector Array	Full field, single VHD CCD
Active Image Size	43 cm x 43 cm (17" x 17")
Imaging Pixels	4,096 x 4,096 (16 Megapixel)
Pixel Size	108 microns
Nyquist Resolution	4.6 lp/mm
Bit Depth	14 bit capture
Fill Factor	100%
Preview Image	Approximately 5 seconds
Processed Image Display	Approximately 10 seconds
Imaging Detector Weight	75 kg (165 lb)

X3C IMAGING DETECTOR SPECIFICATIONS

Detector Array	Full field, single VHD CCD
Active Image Size	43 cm x 43 cm (17" x 17")
Imaging Pixels	3,072 x 3,072 (9 Megapixel)
Pixel Size	144 microns
Nyquist Resolution	3.4 lp/mm
Bit Depth	14 bit capture
Fill Factor	100%
Preview Image	Approximately 5 seconds
Processed Image Display	Approximately 10 seconds
Imaging Detector Weight	75 kg (165 lb)

Standard System Features:

UPRIGHT STAND FUNCTION SPECIFICATIONS

Vertical travel (motorized) (minimum to maximum height)	34 cm (13.5") to 156 cm (61") at the centre of the imaging area
Horizontal swing travel (manual)	180°
Detector head rotation (motorized)	0 - 90° (left or right handed)
Operator Controls	Remote control or manual switches on Imaging Detector
Dimensions (L x W x H)	48 x 48 x 201 cm (19 x 19 x 83")
Vertical Stand Weight	340 kg (748 lb)

CEILING TUBE SUSPENSION

- Integrated vertical servo
- Programmable positioning
- Fully automated
- Manual override

X-RAY TUBE

- Rotating Anode 12° High Speed
- Dual Focal Spots:
 - High Speed Small Focus 0.6 mm
 - High Speed Large Focus 1.2 mm
- 150 kVp; 600 KHU
- 40kW
- 80kW

COLLIMATOR

- Manual Collimator
- Bucky Centering Light with Laser

TABLE SPECIFICATIONS

Table top dimensions (L x W)	94.5" x 29.4" (240 x 74.7 cm)
Table top float dimensions (+/- from the table centreline)	Longitudinally 31.5" (80 cm) Laterally 5.9" (15 cm)
Table base dimensions (L x W)	11.2" x 11.2" (28.5 x 28.5 cm)
Vertical table travel (minimum to maximum height)	22.0" to 36.8" (55 to 92 cm)
Patient Weight Capacity	200 kg (440 lb)
Electrical Requirements	110-240 VAC, 16A, 50/60Hz

Vertical travel, brakes and table float are controlled from the foot pedal located at the base of the table. There are siderails on the tabletop to accommodate any accessories.

GRID

Ratio	13:1
Frequency	70 lines/cm
Type	Stationary, removable
Focal Distance	2 x 100 cm (40") & 1 x 180 cm (72")

GENERATOR

- High Speed Rotor Controller
- 80kW, 1,000 mA
- Automatic Exposure Control (3 field)

TECHNOLOGIST WORKSTATION

- Each high speed computer configuration includes:
- Magellan 3 Worklist software with TouchScreen compatibility
 - PureView - adaptive image processing algorithms
 - Flat panel monitor - 1600 x 1200 resolution
 - DICOM 3.0 functionality
 - Compatible with all major PACS - images can be in CR or DX format
 - VIPER - Visual Parameter Editor for image optimization
 - Intuitive AccuTech Exposure monitoring software

POWER REQUIREMENTS

Vertical Stand	Dedicated 240V, 15A, 50/60Hz
Generator	3ph. 380/480V
Table & Ceiling Tube	240V, 50/60Hz
Technologist Workstation	110 - 250V, 10A, 50/60Hz

OPTIONAL ACCESSORIES

- Orthopaedic Software
- Selectable Resolution (X4C only)
- Weight Bearing Stand
- Ceiling Tube with 5-Way servo
- DICOM Worklist
- Generator
- Motorized Collimator