



KONICA MINOLTA



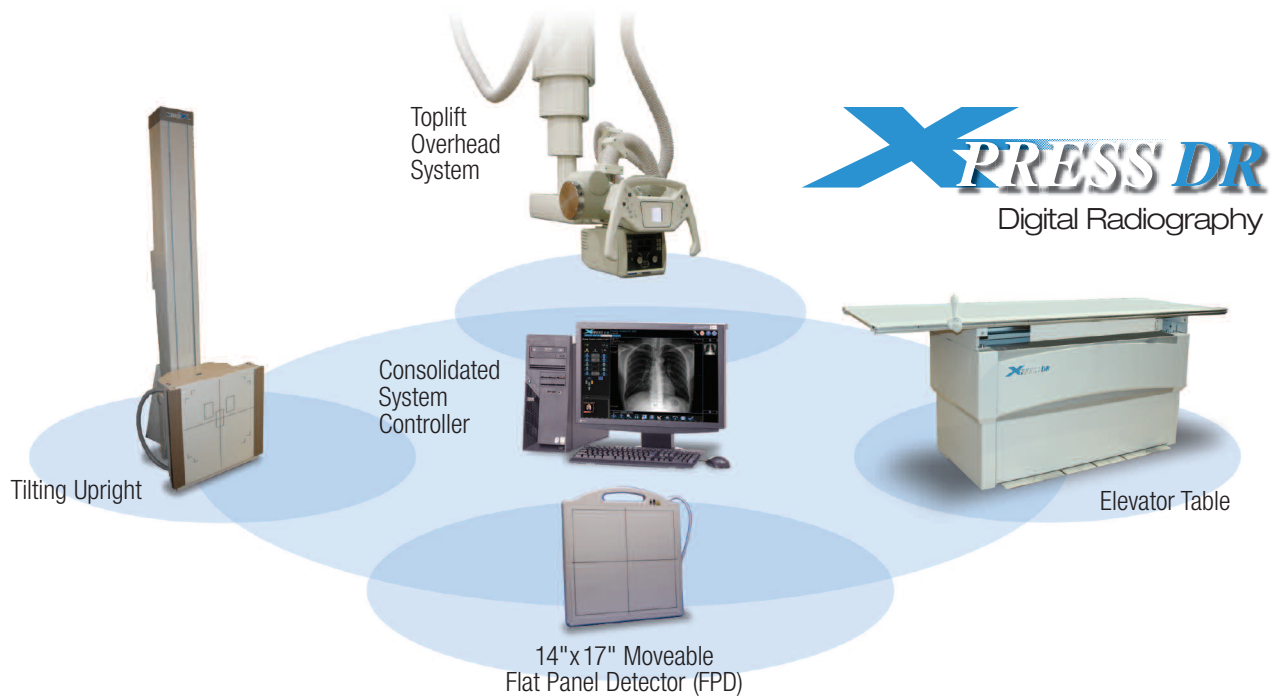
X *PRESS DR*

Digital Radiography



The essentials of imaging

Fully Integrated Digital Radiography Solutions Customized to Your Individual Workflow Needs



This highly configurable DR room solution harnesses the latest digital radiographic technologies and advancements. These systems offer high throughput and excellent image quality, and are backed by our own Konica Minolta award winning service and support organization.

Tube Mounting Options for the Xpress DR Offer Full Flexibility to Meet the Needs of Any Imaging Environment.

1 The Xpress DR Toplift Ceiling Mount Tube Support

The most versatile selection that allows for maximized flexibility to meet imaging demands. The flexibility of this mounting system allows the end user greater latitude when deciding room layout.

2 The Floor Mounted Tube Support

The Floor Mounted Tube Support offers an easy to use and cost effective solution to meet your positioning needs. These solutions are typically found in non-Hospital environments where positioning needs do not require cross table views. These systems have 10' rails that act as tracks that the tube assembly will travel on.



The Xpress DR system offers you a choice of an elevator table as well as a fixed or tilted upright.



3 Xpress DR Elevator Table

This table features a 650 lb. weight limit, power elevation, multi directional float, and multispeed oscillating grid.

- Lift Capacity ~660 lb. (300kg)
- Rack and Pinion Drive Mechanism
- Downward Travel Interrupt Safety Mechanism
- Grid: 36–44 Focal, 103 line, 10:1 Ratio
- Portrait and Landscape Detector Bucky



4 Bucky Wall Stand

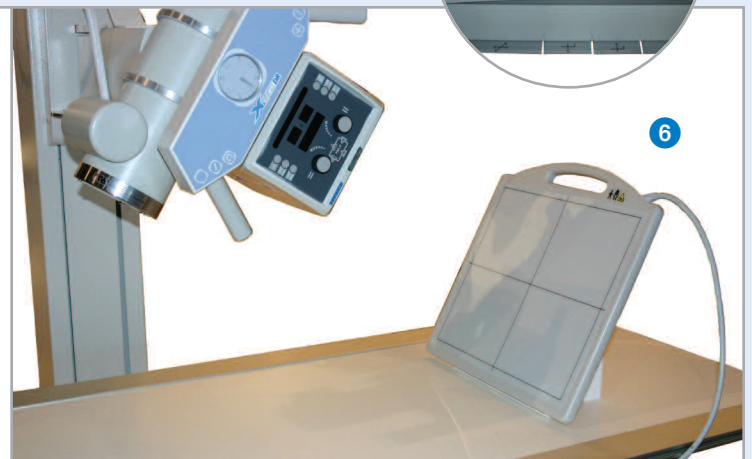
- For exposures of the thorax, spinal column, pelvis, skull, abdomen and extremities
- Counterpoised Bucky carrier
- Bucky can travel across the floor from 14.96" to 74.80"
- Tilting movement is counterpoised and ranges from -20° to +90°

Two different styles of Flat Panel Detector (FPD) are offered. We offer a fixed 17"x17" which is hard mounted into the upright or the table. We also offer a moveable 14"x17" tethered panel. This panel can be ported between the upright and the table or it can be placed onto the top of the table or temporarily mounted into a cross table support holder.



5 Fixed 17" x 17" Panel

- Permanently mounted inside buckies
- 17" x 17" offers large field of view
- Fixed panel offering for high volume applications



6 Moveable 14" x 17" Tethered Panel

- Can be inserted and removed from buckies for maximum versatility
- Supports cross table and other specialty positioning needs
- Light weight and rugged for extended lifetime of use

Digital Flat Panel Receptors

Available Sizes	14x17 Moveable Tethered Panel	17" x 17" Fixed Panel
Receptor Type	Amorphous Silicon	Amorphous Silicon
Conversion Screen	Csl	Csl
Active Area	16.7" x 13.9"	16.7" x 16.7"
Pixel Pitch	139 µm	139 µm
Nyquist Resolution	3.6 lp/mm	3.6 lp/mm
Fill Factor	100%	100%
A/D conversion	14 bit	14 bit
Image Preview	5 sec	5 sec
Temperature Range (operating)	10 – 35 deg. C	10 – 35 deg. C
Size	18.1"(w) x 15.1"(l) x 0.6"(h)	18.5"(w) x 18.5"(l) x 1.4"(h)
Weight	8.6 lbs.	16.5 lbs.

Radiographic Generators

Available Sizes	50kW	65kW	80kW
Rectification Type	High Freq 200kHz	High Freq 200kHz	High Freq 200kHz
kV Range	40 – 125kV	40 – 150kV	40 – 150kV
mA Range	10 – 630 mA	10 – 800 mA	10 – 1000 mA
mAs Range	0.1 – 630 mAs	0.1 – 800 mAs	0.1 – 1000 mAs
Rotor Supply	Low Speed	Dual Speed	Dual Speed
Input Line	3Ø 208/230 VAC 3Ø 400/480 VAC	3Ø 400/480 VAC	3Ø 400/480 VAC
APR	> 20,000	> 20,000	> 20,000

Xpress DR Elevator Table

Lift Capacity 300kg (660 lb.)

Rack and Pinion Drive Mechanism

Downward Travel Interrupt Safety Mechanism

Grid: 36–44 Focal, 103 line, 10:1 Ratio

Portrait and Landscape Detector Bucky

Xpress DR Vertical Tilting Bucky Stand

Full Head to Toe Patient Coverage

Fully Counter-balanced

Tilts from -20 degrees to plus 90

Communication System

(Optional) Freestanding Mount for Column

Removable Grid: 40–72 Focal, 103 line, 10:1 Ratio

Portrait and Landscape Detector Bucky

Xpress DR Tube Mounting

Xpress DR Toplift Overhead Tube Mount

Compression spring balancer for over 1 million lifecycles

Vertical Telescopic Movement of 150cm (59.5 inches)

Utilizes Unistrut Rail mount

Cable management utilization

Electro Mechanical Speed Sensitive Detent

Ergonomic Handgrip with All-Release Locks for E-Z Sliding

Communication Interface

Xpress DR Floor Mount

14' Longitudinal Travel Range

70" Vertical Travel Range

Telescoping tube arm

180 degree rotating column

Xpress DR Consolidated System Controller

Core2Duo microprocessor

4GB of memory

Windows XP Embedded OS

Touchscreen control and thin profile desktop:

Integrated Generator Control Functions

Advanced Image Processing

DICOM 3.0 Compliance



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