

Making the Digital Image
Transition Easier in the

**MOST
ECONOMICAL
WAY**



Digix ECO **PLUS**

Digital Radiography System (Ceiling Free)



Quality, System and Safety Certifications



MARS 15-80

Allengers, the only Indian medical equipment manufacturing company bestowed with “National Award for Quality Products” from the Prime Minister of India.

Digix ECO PLUS

Digix ECO PLUS an economical combination of Digital Radiography Systems with moveable detector column, are specialized models for general radiographic applications. These systems are available with the X-Ray tube head mounted on ceiling free stand, a single detector embedded in the detector stand housing, mobile table and high frequency X-Ray generator.

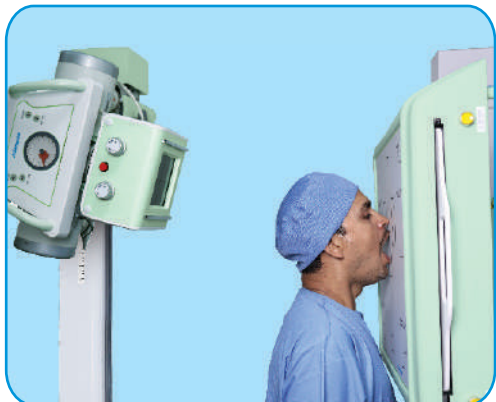
UNIQUE BENEFITS

- State-of-the-art digital image processing technology.
- Excellent image quality with very low X-Ray dose.
- Quick image preview and faster patient turnaround time.
- Easy to image both knees or long femur in single shot.
- Small footprint for easy installation in small rooms.
- DICOM compliant.



Ceiling Free System with the Detector Stand and Tube Column on Flat Rails along with MobiT Table.

SINGLE DETECTOR SYSTEM - MULTIPLE APPLICATIONS / POSITIONING FREEDOM



PNS waters view



Right hand AP view



Chest PA view



Abdomen Supine AP view

Integra X (INTEGRATED X-RAY / IMAGE CONTROL CONSOLE)

- An intuitive operating console.
- 19" flat panel monitor.
- User definable Anatomical Programming Radiography (APR) mode.
- Self error detection program.
- UPS for uninterrupted usage of operating workstation.

Integra X (SYNERGY DR WORK STATION / IMAGE CONTROL CONSOLE)



FLAT PANEL DETECTOR

A complete imaging solution integrated to give unparalleled imaging quality.

The use of flat panel detectors increases work flow eliminating most manual activities such as loading, transporting cassettes and developing films.

Excellent grey level and fine pixel pitch guarantees high resolution and high contrast images.



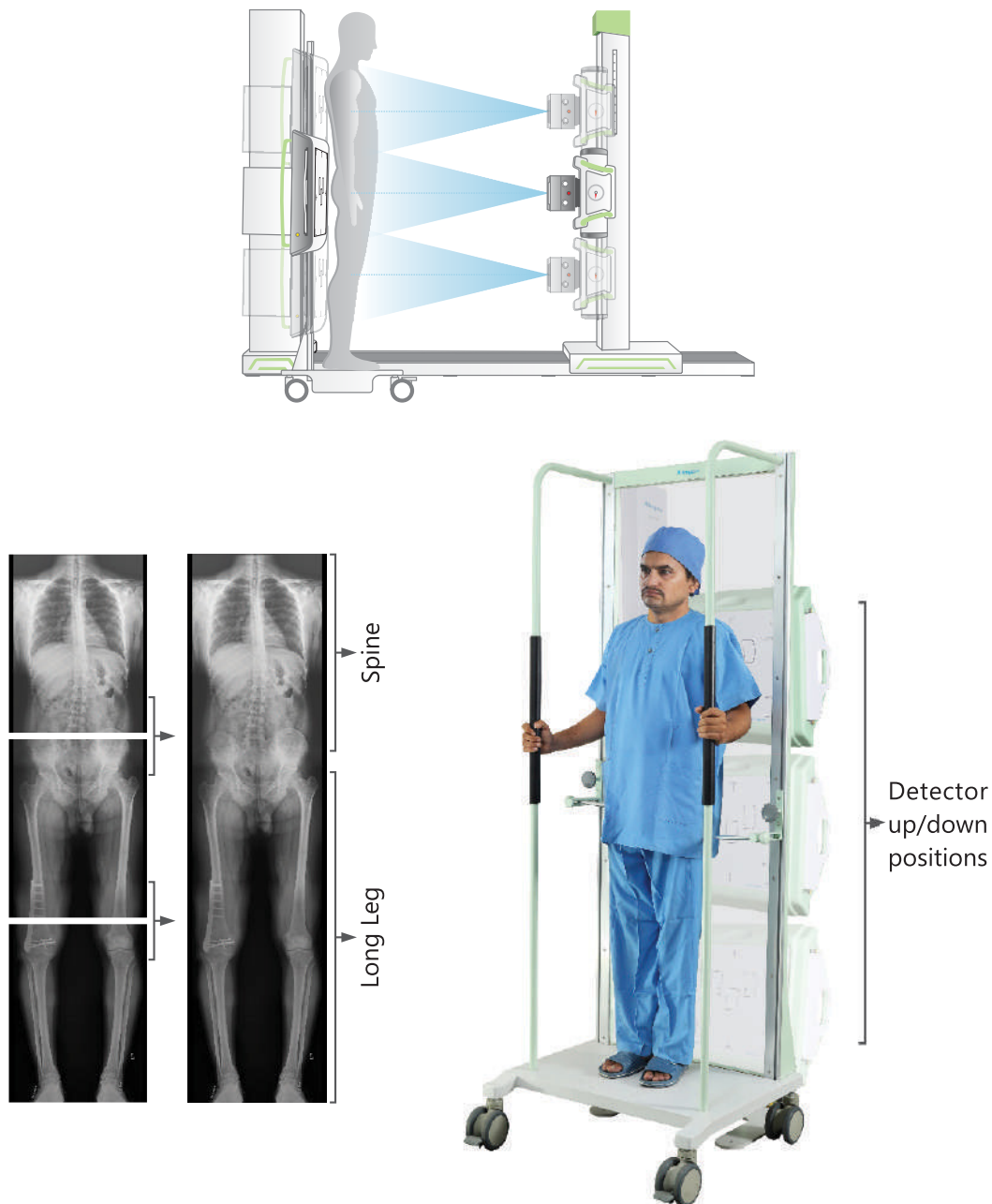
DIGITAL DETECTOR TECHNOLOGY

Digital X-Ray is an important technology for today's diagnostic medical imaging, radiation therapy and all sorts of radiographic examinations.

Special Features of Flat Panel Detector	
Type	Fixed detector
Size	43 cm x 43 cm (17" x 17")
Conversion	Indirect conversion
Technology	Amorphous silicon (a-Si)
Scintillator	Cesium Iodide (CsI)
Image matrix	3K x 3K

IMAGE STITCHING SOFTWARE WITH HARDWARE (optional)

Image stitching is very useful for scanning long anatomies like spine and leg. Digix ECO PLUS offers stitching feature in which 2 or 3 exposures are taken to cover the anatomy. In no time software system gives stitched image.



OPTIONAL

Automatic Exposure Control	: Solid state AEC device with multiple chambers.
Stitching Software with Hardware	: Spine and long bone imaging with repeat and reject feature.
Allen PACS	: Web based PACS
Printer	: Dry Imager Printer / Dry Laser Printer
DAP Meter	: DAP for measuring the dose within the radiation field and area of tissue irradiated.
Touch Monitor	: User interface.
Monitors	: 21" / 24" / 27"
Additional Reporting Workstation	: For enhanced diagnostic confidence of reporting radiologist.
Patient Tables	: MobiT 4 / MobiT 6

MAJOR TECHNICAL SPECIFICATIONS*

Model	MARS 15	MARS 30	MARS 40	MARS 50	MARS 50+	MARS 65	MARS 80
Series	Digix ECO PLUS						
X-Ray Generator	High Frequency Technology						
KW Rating	15	30	40	50	50	65	80
Max. KV	125	125	125	125	150	150	150
mA (upto)	250	400	500	630	800	800	1000
Power Requirement	3 phase 400 VAC, 50/60 Hz. with line regulation of ±10%						
	Max. 18.75 KVA	Max. 37.5 KVA	Max. 50 KVA	Max. 62.5 KVA		Max. 80 KVA	Max. 100 KVA
	For capacitor bank systems : Single phase 230 VAC ±10%, Max. 2.5 KVA for 15, 30, 40 KW RAD models						

* These are broader specifications with highest certifications. The final product will be dispatched as per agreed terms in quotation.



ASSURE Protocols : All X-Ray based equipments involve some potential risk of radiation exposure. We, at Allergens understand your concerns. Allergens is fully committed towards radiation safety and care of its customers.

Allergens has introduced ASSURE Protocols, which is a step in the direction of delivering best possible image quality at lowest possible dose. Allergens products with ASSURE Protocols are carefully crafted to protect users and patients from unwanted leakages in the X-Ray equipment.

ASSURE version range mentioned is based upon lowest and highest configurations of safety standard protocols and is configuration dependant, which may vary for desired combinations.

FOR ANY ENQUIRIES CONTACT US

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