

eco.series

Digital U-Arm X-Ray System

U650



ECOMAX
MEDICAL SOLUTIONS

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DIMENSIONS & FLEXIBILITY

The powerful Ecomax U-Arm system is Motorized, digital U-arm X-ray system Ecomax U650 motorized for all X-ray exposures in sitting and standing position superior image quality and small space saver, designed to be economical, light and durable, performs all tasks smoothly and with high frequency digital x-ray and DR system excellent digital image quality is quickly achieved. The movement arm can be positioned quickly and effortlessly.

FEATURES

Durable: Long Durability due to Motorized & Durable Mechanical Design

Superior Image: With high quality DR Detector. Superior image quality at lower X-Ray doses.

Flexible: Functions without disruption in small areas.

Accurate: Accurate positioning due to its special mechanism.

Reliable: The system can be operated easily and fast with its special mechanism.

Ergonomic: Including X-Ray software and mechanical support, it is easy to position the patient within seconds.

Economic: Its designed to be economic, light and durable.



DIMENSIONS & FLEXIBILITY

TECHNICAL SPECIFICATIONS

Rotation Angle:	-35 +120 Degrees
Arms Expanding Range:	80 cm
Vertical Movement Range:	±130 cm
Vertical Motion Type:	Motorised
Rotation Motion Type:	Motorised

Powerful Ecomax System is a space saving alternative for low ceiling heights. It includes all necessary parts and functions for digital xray. It is DR system and motion arm can be positioned fast and without effort. The system allows patient positioning both in sitting and standing.



FEATURES

Flexible: Functions without disruption low height rooms.

Accurate: Accurate positioning due to its special mechanism.

GENERATORS

HF



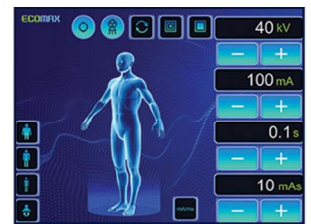
W x 67 cm x L x 37 cm x h x 50 cm

HF Generators work on a high frequency with an 8- inch touch screen and with an anatomical image of the desired body parts implemented in the software system to speed up and ease the operation. The console can be installed on the wall or on a light stand.

TOUCHSCREEN CONSOLE
8 INCHES



	HF650
Voltage Req.:	380VAC/3 Ph ±%15
Power:	50 KW
KV Range:	40-150 KV
Tube mA Rng.:	32 TO 650 in 12 steps
mAS Range:	0,4-630 mAS
Time Range:	0,02-6 Sec.
Tube:	Canon (Toshiba 7252) 140 KHU / 2800 RPM
X-Ray Grid:	103 L / inch ratio (1 : 10) 18" x 18"



Ecomax Generators combine simplicity, modernity, economy and performance.

SOFTWARE FEATURES

Optimized Image Processing Software

- Intelligent image processing engine delivers outstanding image quality automatically
- Image post-processing technology "Symphony" integrates a serial of algorithms
- Intelligent edge detection
- Contrast equalization helps display the image with complex structure nicely
- Multiple predefined viewing impressions for each view to meet different preferences

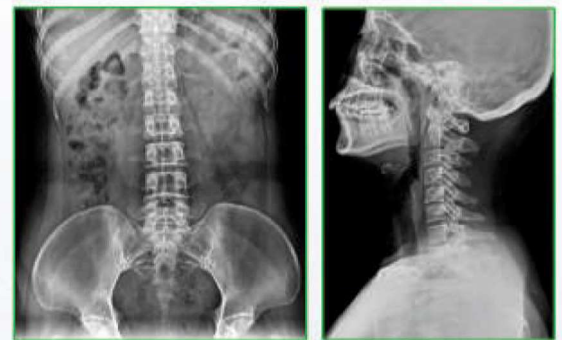
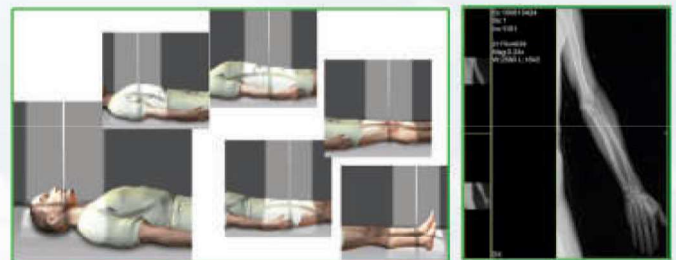


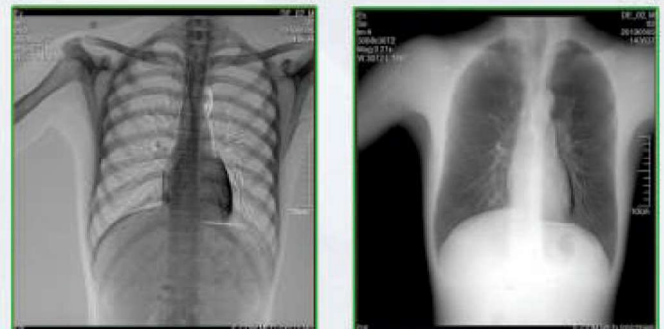
Image Stitching Makes More Valuable

- Whole body X-ray imaging, long leg, and long spine images for ortho application
- The panoramic image with unified contrast
- Support auto & manual stitching
- Integrated a lot of intelligent mechanical positioning devices



Dual Energy (DE) Makes More Exclusive

- Automatically produce one bone image and one soft tissue image
- Needs two rapid successive exposures, a low kVp exposure and a high kVp exposure with the help of AEC (Automatic Exposure Control)
- Make diagnostic more accurate



SOFTWARE FEATURES

4343 Digital Detector

Latest technology caesium detector provides the best image quality and effectiveness

High Image Quality

High SNR and Low Noise at lower dose.

Faster Image Acquisition

less than 3 - 5 seconds.

AED+

Second generation of continuous & accurate AED provides faster and efficient image acquisition.



DICOM Worklist Option

- Modality worklist SCU
- RIS code mapping between SPS and PPS
- DICOM MPPS (Modality Performed Procedure Step) SCU

DICOM Storage Option

- Verification SCU and SCP
- Storage SCU and SCP
- Storage commitment SCU and SCP
- Radiation Dose Structured Report (RDSR)
- Auto transfer to multiple DICOM nodes and transfer status indicatio

DICOM Print Option

- Print Management SCU
- Multiple printer configuration with print status indication

Built-in Mini-PACS Solution

- Acquisition, storage, and viewing operations are all-in-one with mini-PACS server with full cloud archiving and sharing capabilities
- Mini-PAVS solution can be upgraded to enterprise PACS solutions easily
- Extra cost-saving hospital IT solution with easy deployment and maintenance

23" Touch screen Work station



DIGITAL RADIOGRAPHY SYSTEM





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