

EcoView9

# EcoView9

An affordable digital imaging solution  
with flat panel DR technology.



www.acomaxray.com



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# EcoView9 (Single Detector System)

## Multi-Purpose Single Detector system

General Radiography is a basic examination that accounts for 70% of diagnostic imaging.

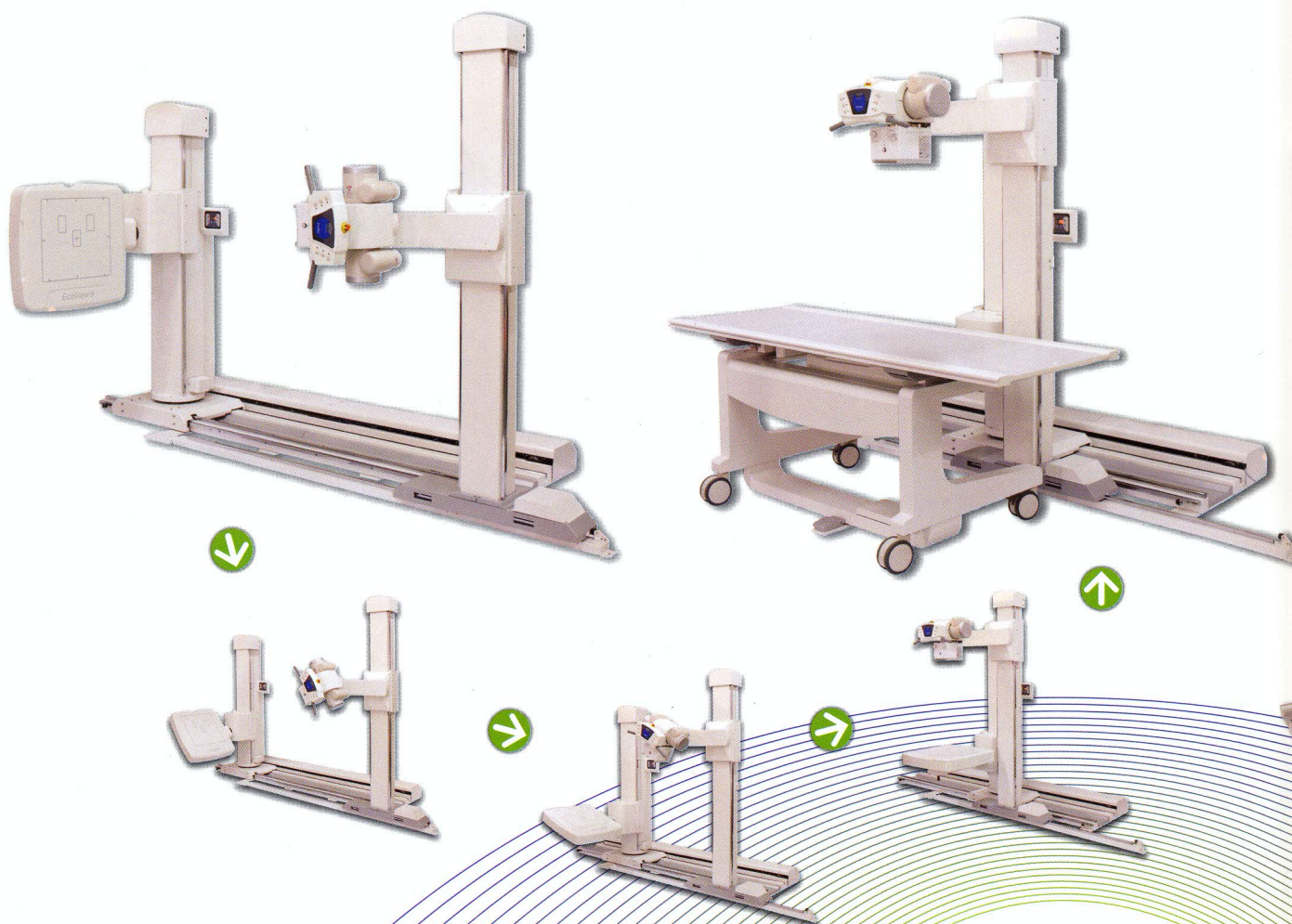
Many kinds of procedures like chest radiography, abdominal radiography, and orthopedic radiography are performed in a single room.

We, EcoRay, designed EcoView 9 digital system, a world class flat panel detector system for use in hospital emergency, traumatology and all general radiology applications.

The flat panel detector and the high performance digital image processing unit are effectively combined to create high quality image.

The unique aspect of EcoView 9 system is auto-positioning in which the detector stand moves to a specified location. It also allows to change detector position from standing to supine position and to change the SID (100 – 180 cm) by a remote control unit.

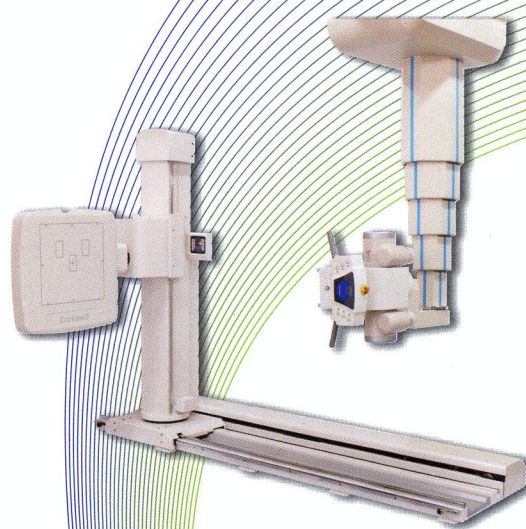
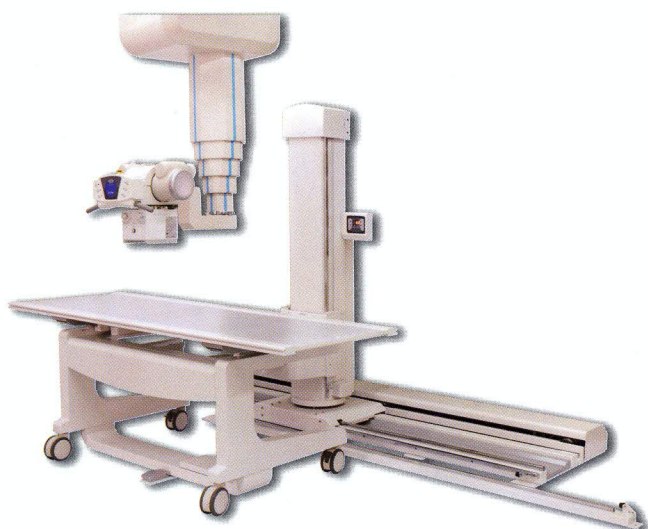
EcoView 9 is a cost-effective DR X-ray system for multi-purpose use and provides full range of standard radiography applications.



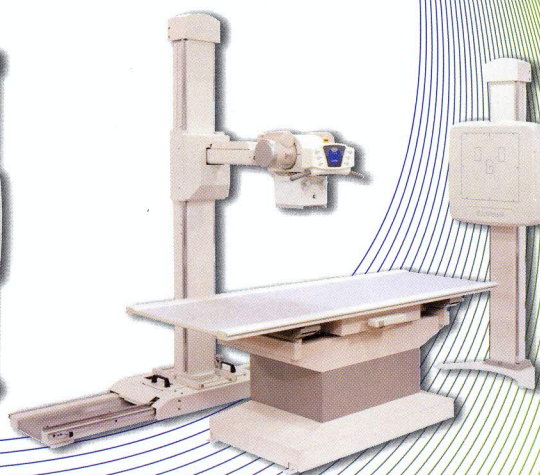
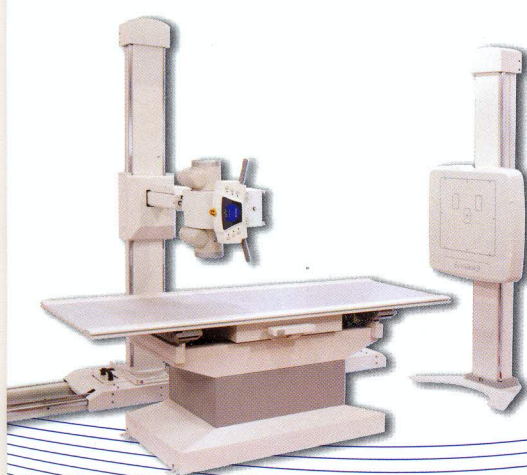
### Eoview9 (Single Detector system) includes:

- Detector stand
- Flat Panel Detector (14 x 17" amorphous selenium / 17 x 17" amorphous silicon)
- Floor to ceiling tube stand (optional : ceiling suspension tube stand)
- Mobile 4 way-floating table (optional : elevation table)
- Advanced image acquisition software
- High frequency generator 40kW (optional 50kW/80kw)
- Tube (1.0/2.0 mm focal spot, 140KHU or 0.6/1.2mm focal spot, 300KHU option) and manual collimator

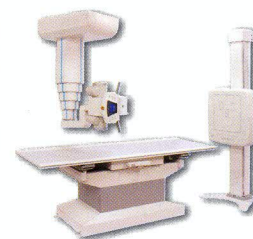
## Ceiling suspension unit (optional)



## EcoView9 (Dual Detector System)



Ceiling suspension unit (optional)



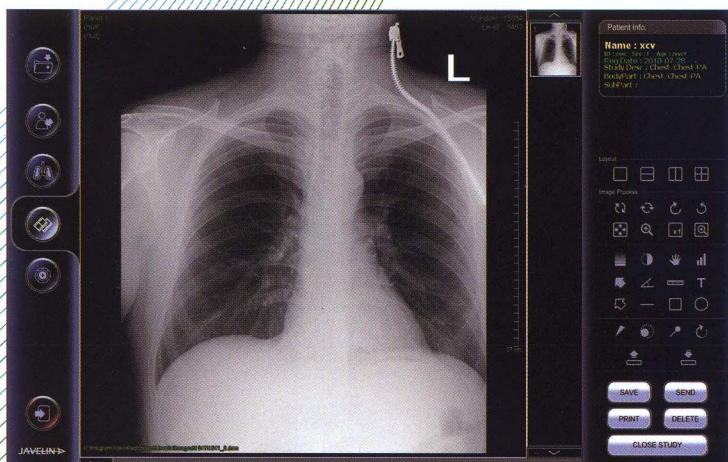
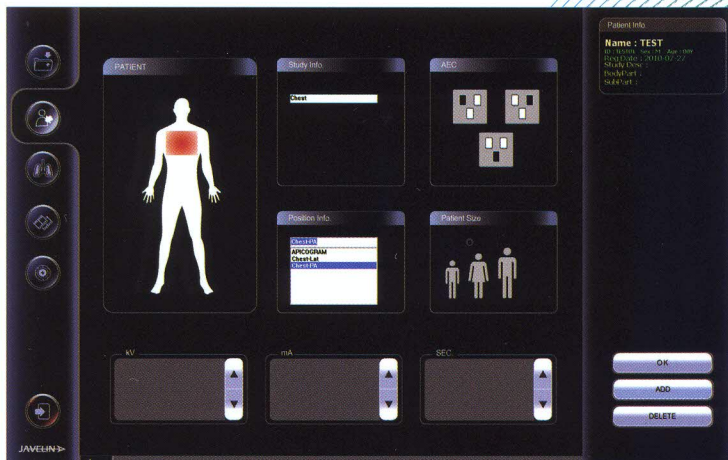
### Eoview-9 (Dual Detector System) includes:

- Detector stand
- Flat Panel Detector (14 x 17" amorphous selenium / 17 x 17" amorphous silicon)
- Floor mounted tube stand (optional : ceiling suspension tube stand)
- 4 way-floating table (optional : elevation table)
- Advanced image acquisition software
- High frequency generator 40kW (optional 50kW/80kw)
- Tube (1.0/2.0 mm focal spot, 140KHU or 0.6/1.2mm focal spot, 300KHU option) and manual collimator

# EcoView™

## High performance Image Processing Unit

Through the EcoView™, an acquisition software, you can query patient information from HIS /RIS server, acquire images from a detector and post-process images, and send images to a hospital PACS server. The acquisition software is designed to speed up workflow in a radiography department, improve efficiency, and decrease workload of a radiography technologist.



## Workstation

OS: Windows XP SP2 or SP3  
RAM : at least 2GB  
HDD : 120GB or above  
Ethernet Card : 10/100/1000Mbps  
Monitor Resolution : 1680 X 1050  
PCI slot : at least one(1) PCI slot available

## Software

- DICOM 3.0 Compliance
- CD Archiving
- DICOM Print
- With positive and negative image capturing
- Real time auto window width and window position adjustment
- Real time auto ROI resizing / edge enhancement / mirroring / rotation
- Overlay information display (Patient info. / Examination info. / Equipment info. / Image info.)
- Black and white reversal / image zooming / translating / magnification display
- Interested area display / original size display / full screen display
- Histogram display of interested areas, window width and window position adjustment
- Noise reduction, image enhancement, various enhancement solution and enhancement
- Degrees adjustable according to difference parts

