



**KIRAN**  
A Division of TRIVITRON Healthcare

Digital Radiography System  
**ULTISYS - 82**



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First choice for every Radiology Department



# ULTISYS - 82

## Universal Digital Radiography Solutions with Kiran Expertise

Kiran brings to you Ultisys 82. A brand new Digital Radiography system with best in class features and fully modular stand robust design configurable to all diagnostic radiography needs. Available in fully motorised auto-positioning configuration with manual override capable of practically all radiographic techniques or in more affordable manual configurations Ultisys 82 can be tailored to your specific needs. Automated system positioning, exam set-up, acquisition and archiving on the Ultisys 82 provides unparalleled imaging efficiency, experience and diagnostic accuracy and lets you realise all the advantages of truly modern digital radiography.

The heart of Ultisys 82 is a highly mobile, light weight, overhead ceiling suspended tube stand that can be combined with a range of patient table options and detector stands using combinations of fixed and portable detectors.

. From truly modest room sizes to spacious high throughput trauma imaging rooms Ultisys 82 can be configured to fit any diagnostic process or room requirement. Whichever configuration you choose, all system components are seamlessly integrated with portable and fixed system consoles supporting advanced functionality such as auto-positioning and long anatomy imaging (stitching).

Intuitive Image Acquisition & Image Processing. The system stands for its enhanced work flow, best image quality, with highest diagnostic confidence.

- Available from truly small rooms to long multi-bay ER rooms
- Smooth, programmable system positioning with manual override
- Fast image acquisition with image on screen in a few seconds
- Automated exam set-up with DICOM MWL/RIS/HIS integration, DICOM MPPS
- Range of safety features: geometry interlock, anti-collision
- Available with AEC (Automatic Exposure Control) functionality

### Robust X-ray Tube

- Dual focus rotating anode X-ray tube - compatible for all types of radiography procedures
- Focal spot SF 0.6x0.6 mm & LF 1.2x1.2 mm

### X-ray Generator

- High Frequency - Multipulse with 82kW Output
- High data accuracy and reproducibility at shortest exposure time
- Compact size with low space requirement



### Ceiling Suspended Tube Stand

Supports advanced functionality such as auto-positioning and long anatomy imaging (stitching)

### Vertical Bucky Stand

- Vertical Travel Up to 1350mm
- Electromagnetic Locking System
- Oscillating Bucky with integrated high density Anti Scatter Grid.

- Flat Panel Detector
- Shorter exposure time
- Direct deposit CsI TI
- Full Field AED

### Table

- Ergonomic Design
- Horizontal Table With oscillating Bucky grid
- Floating Table Top
- Patient Weight Capacity 300 Kg, Upgradable to 400 Kg