



Universal R/F System



# FluoroSight **ONE**

**ONE** Detector, **ONE** Tube,  
**ENDLESS POSSIBILITIES**

The FluoroSight**ONE** is the only Universal R/F system on the market that can support all of your radiographic and fluoroscopic needs with only one detector and one x-ray tube, with unmatched performance and versatility.

Positioning Ease

Low Loading Height



Full Patient Coverage from Head to Toe



Cross Table Lateral Exams



PA Chest Exams Directly on Flat Panel



Extremity Imaging

500lbs Limit Carbon Fiber Tabletop in all Movements

Detector Direct Imaging

The most unique system available offering a  $\pm 90^\circ$  tilting table, x-ray tube rotation around the column, and a 17" x 17" (43x43cm) flat-panel detector on a telescoping arm, the FluoroSight**ONE** can perform all of your imaging exams without the need to purchase an additional ceiling suspension, upright wall stand, or additional detectors.

FluoroSight **ONE** offers unparalleled easy-to-use workflow.



Auto-positioning makes it easy as 1-2-3:

1

Select or Enter Your Patient



2

Position the System and Patient



3

Expose!



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# Features



Shown with Optional Mobile Stretcher

## Software Image Processing:

- Auto and manual windowing contrast, brightness grey levels reverse.
- Auto and manual image magnification: zoom on detector and on image.
- Mosaic-image overview display, thumbnails presentation for fast exam overview.
- Auto and manual electronic collimators.
- Measuring software tools: distance, angles.
- Image presentation: H/V reverse, 90° rotation, true size image editing.
- Text editing with large fixed strings selection.
- Sharp spatial filtering.

## Accessories Included:

Handgrips (1 pair)  
Footrest (500lbs capacity)  
Compression Band  
Patient Mattress  
Shoulder Rest (1 pair)

## Options Available:

In-Room Control Console  
Monitor Carriers (Floor and Ceiling Mounted)  
Mobile Stretcher  
Automatic Stitching  
DICOM CD/DVD  
DICOM MPPS  
DICOM Query/Retrieve  
Intercom System

## Specifications FluoroSightONE

### GENERATOR

Type	High frequency generator 65kW or 80kW RAD-FLUORO for one x-ray tube
	Microprocessor controlled high frequency x-ray generator up to 400 kHz for radiography, fluoroscopy and digital techniques
Radiography performances	65kW: 800 mA - 80 kV   80kW: 1000mA – 80kV 65kW: 630 mA - 100 kV   80kW: 800mA – 100kV 65kW: 400 mA - 150 kV   80kW: 630mA – 150kV
Radiography selections	From 40 to 150 kV, from 10 to 800 mA (80kW: 1000mA), from 0.1 to 1000 mA, from 0.001 to 6.3s
Fluoroscopy selections	From 40 to 125 kV, from 0.5 to 10 mA. Electronic timer up to 10 min with intentional reset
	DAP INTERFACE including display of Air Kerma values 3-Phase 480VAC

### TABLE

Tilt	±90 degrees
Tabletop Material	Carbon Fiber
Tabletop Capacity	500lbs (227 kg)
Tabletop Dimension	94.5" x 25.5" (240x65cm)
Elevation Range	17.7" to 43.3" (45cm to 110cm)
Detector Longitudinal Travel	67" (171cm)
Detector Transverse Travel	32.9" (83.6cm)

### TUBESTAND

Source to Image Distance (SID)	Variable 40" to 80" (100 to 200cm)
Longitudinal Travel	65" (165cm)
Transverse Travel	27.5" (70cm)
Oblique Longitudinal Angulation	±45 degrees
Electronic Tomography	8°, 20°, and 40° with layer height up to 13" (33cm)
X-Ray Tube	600KHU, 0.6 – 1.2 Focal Spot

### COLLIMATOR

Collimator Type	Motorized Automatic Collimator
Laser Light	Yes
Filters	Automatic, based on APR Setting
Rotation	Yes, Motorized ±45 degrees
Special Feature	Camera inside to visualize patient position without x-ray radiation

### THALES PIXIUM RF4343 FLAT PANEL DETECTOR

Technology	Amorphous Silicon (a-Si)
Scintillator	High absorption, high resolution Cesium Iodide (CsI)
Useful area	17"x17" (43x43 cm)
Pixel matrix	2880x2880 pixel
Pixel pitch	148 micron
DQE	65% at 0 lp/mm
A/D conversion	16 bit