

# DDR MAK - 800 Digital Radiography System



## Detector Specifications

	DDR MAK-800-17 (17" x 17")	DDR MAK-800-14 (14" x 17")
Detector type	Amorphous Selenium	Amorphous Selenium
Detector area	17 x 17 inches (422 x 406 mm)	14 x 17 inches (356 x 427 mm)
Resolution (pixels)	6.7 M (2640 x 2540)	7.8 M (2560 x 3072)
Pixel size	160 x 160 microns	139 x 139 microns
Fill factor	Near 100%	~82%
Dynamic range	14 bit ADC, 12 bit exported	14 bit
Full image (after processing)	~10 seconds	< 6 seconds
Connectivity	DICOM compatible	DICOM compatible

Specifications subject to change without notice.

## DDR MAK - 800 Digital Radiography Conversion System

### Go Digital

Faster Imaging

Cost Effective

Higher Quality



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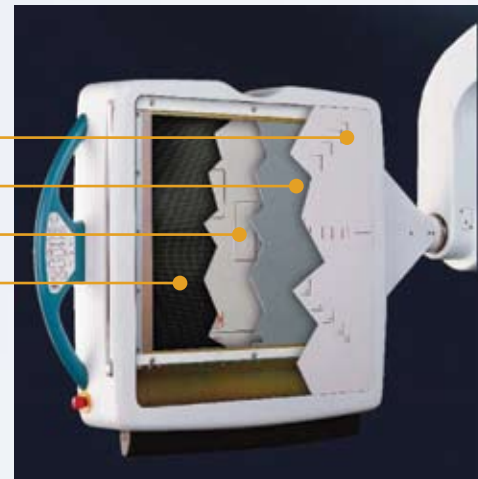


## DDR MAK - 800 Digital Radiography Conversion System

DDR MAK-800 digital flat panel detector allows you to quickly convert your current analog X-ray system to an advanced digital X-ray system in just a few hours and at a fraction of the cost.

The DDR MAK-800 gives you the ability to capture a digital formatted image in seconds with greater dynamic range than film/screen systems.

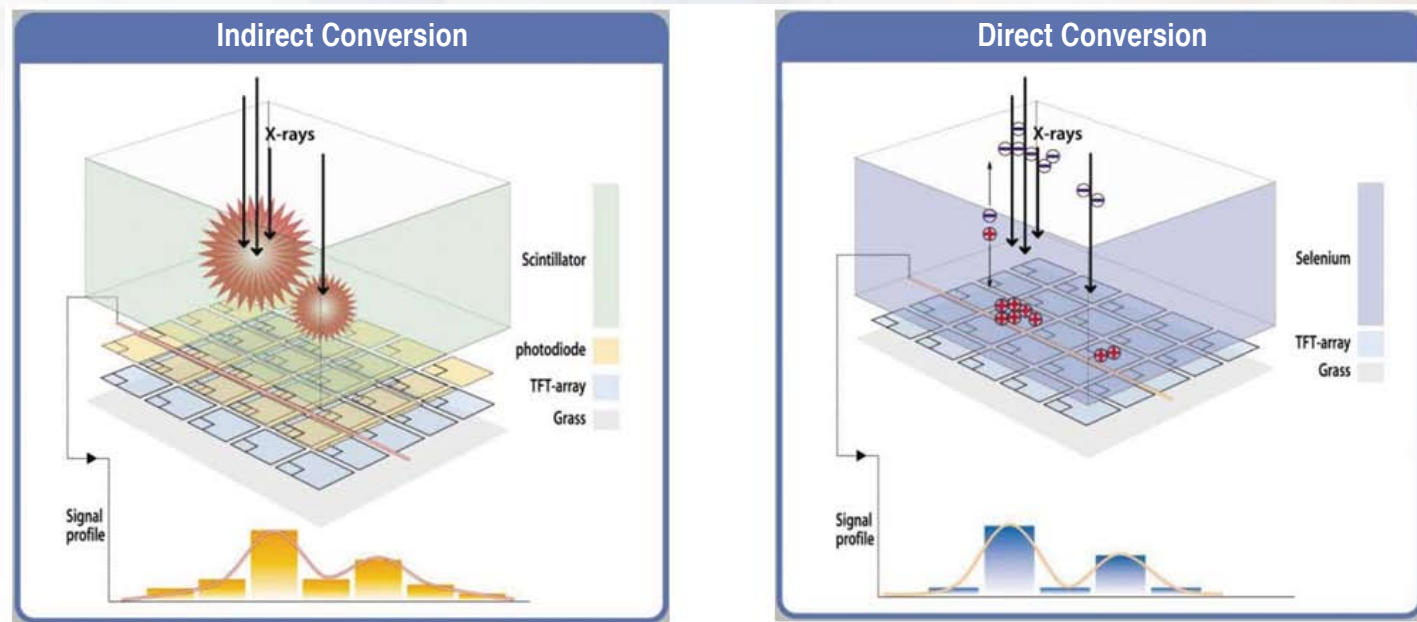
Front Cover  
Grid  
Ion chamber  
Flat Panel



### Benefits

- Capture and preview digital images in seconds
- Consistent image quality to reduce retakes
- No film development or imaging plates
- High resolution image with minimal X-ray dosage
- Increased dynamic range in viewing X-rays

### Indirect digital Radiography VS. Direct Digital Radiography:



DDR 1717 uses direct energy conversion technology, where the x-ray photon energy is converted into an electrical signal directly in amorphous Selenium photoconductor without the need for a light conversion scintillator layer.

### Advances in digital radiography

The trend has become ever increasing as hospital emergency rooms, imaging center, pediatrics, orthopedics and general radiology applications are going filmless. Speed can be critical, as is daily workflow, and the need to direct and store images.

### Additional Benefits;

- Retrofits easily into your existing equipment
- PACS, Computer Aided Diagnosis
- DICOM Compatible

