

# ***SATURN 8000***

A NEW CHAPTER IN DIGITAL RADIOGRAPHIC IMAGING

## **ENGINEERING IMAGING BREAKTHROUGHS**

**INDUSTRY-LEADING 100% FILL FACTOR IN A 17" X 17" FORM FACTOR ENSURES LOWERED DOSE FOR ALL GENERAL RADIOGRAPHY DIAGNOSTIC IMAGING**



The SATURN 8000 Family  
of Radiographic Imaging Systems



## Latest Flat Panel Technology

- Conversion Technology .....CsI, or Gd<sup>2</sup>O<sup>2</sup>S:Tb (Kodak Lanex Screen)Pixel
- Size .....139 μm × 139 μm
- Pixel Matrix Total .....3,072 × 3,072  
Active .....3,052 × 3,052
- Pixel Area Total ..... 17" × 17"  
Active ..... 16.8" × 16.8"
- Dynamic Range .....14bits @ 16,384 gradations
- Full Field Preview ..... 5~7 seconds
- Cycle Time .....8~10 seconds
- Shock .....High-shock tolerance
- Water .....Water resistant
- Weight .....13.5 lbs.(5.0 kg)
- Temperature Range .....10°C to 35°C (max.)
- Humidity-Operating (non-condensing) .....10 to 90%  
Storage (non-condensing) .....10 to 90%

## Image Processing

- PACE™ image processing delivers the best clinical images
- Patient comfort and safety are easily accommodated
- 100% fill factor technology makes the best use of delivered x-ray dose
- Speed and productivity are dramatically enhanced



**SATURN 8000** Improved workflows and enhanced digital imaging keeps the focus on providing the best care and service for the patient.



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