

iCR3600



A Rugged, Dependable, Single-Plate Scanner

iCR3600 is known for its image quality and reliability. This digital x-ray system has earned global acclaim from clinics, hospitals, emergency response services, the military, mobile facilities, and non-destructive testing.

The digital x-ray system iCR3600 is a scalable design that allows for the highest efficiency Crystal IP phosphor screens, 16 Bit available gray scale, and upgradable features that provide users with stunning 10 lp/mm maximum resolution.

True Flat Scan Path

Phosphor screens are not meant to bend, fold, or pass through rollers. This is a common problem across many computed radiography scanners, which in turn leads to image degradation, artifacts and eventual replacement. Chrome addresses this problem with True Flat Scan Path™ technology. This digital x-ray system ensures the phosphor screen never leaves its protective cassette, thus preserving image quality and preventing any damage during acquisition.



XC Acquisition Software

XC touchscreen acquisition with ICE-3 Enhancement Processing provides all-new features including, "Image Display State" to ensure balanced presentation of soft tissue, overlapping bone structures, and automatic analysis of image characteristics to optimize processing.



Next-Gen Phosphor Screens



Phosphor screen detectors are protected inside an ultra-thin lightweight cassette. The cassette is made of carbon fiber, aluminum and steel - it's extremely robust and specially designed to withstand demanding work environments. iCR3600 offers standard phosphor and Crystal IP®.

Crystal IP® technology introduces specially grown crystals, positioned side by side, to provide higher phosphor packing density. The Crystals act as light guides, thereby strongly reducing light spread in the phosphor layer resulting in ultra-

high resolution images and higher X-ray absorption at a much lower dose than standard phosphor screens.



Features

- Upgradable Design
- Over 300,000 Scans without Image Degradation
- Higher Resolution
- Lower Dose



Specifications

Grayscale Resolution

- 16 bits/pixel source file, 65536 shades of gray

Image access time

- 32 seconds (average mixed plates)

Plate Throughput

- 94 plates per hour mixed cassette sizes

Cassette sizes

- 14" x 17" (35 x 43 cm)
- 14" x 14" (35 x 35 cm)
- 10" x 12" (25 x 30 cm)
- 8" x 10" (20 x 25 cm)

Weight

- 78 lbs (35 kg)

Dimensions

- W44" x D12" x H23" (W112 x D31 x H59 cm)

Power source

- 100-240V AC/ 2.5A max
- 47-63Hz (Universal power supply)

