

iDR-L



Full Spine Imaging Detector

The exclusive iDR-L™ has a 17"x51" field of use specifically for regional scanning and full-spine imaging studies. Because it takes a single image, you can leverage compensation filters to balance out the exposure between thicker and thinner areas of anatomy. Physicians can achieve amazing workflow at a much lower cost with its integrated pairing with the robust and feature-rich image processing XC™ software. XC provides superior quality images every time with an option to further manipulate the images.

When it comes to long-bone imaging, the iDR-L surpasses all competitors. There is no need to expose the patient multiple times, no need to wait while images are stitched, and no need to handle multiple cassettes. This solution simplifies the process, allowing you to focus on the essential aspects of your practice.

Features

- iDR-L Method: The long-bone radiography platform utilizes a 17" by 51" detector plate that eliminates the need for a cassette. Integrating phosphor plate technology, the iDR-L boasts a higher resolution than standard DR while maintaining the same workflow. This



solution sends complete image information directly to the scan processor skipping lengthy image stitching processes.

- Image: iDR-L 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 up to 5 lp/mm maximum resolution.
- Capture: XC touchscreen acquisition with ICE-3 Enhancement Processing provides all-new features including, "Image Display State" to ensure balanced presentation of both soft tissue, overlapping bone structures, and automatic analysis of image characteristics to optimize processing.
- Wall Stand: Fully adjustable vertical wall stand, which includes an "EZ-Glide" motorized lift that allows the iDR-L to ascend or descend to any desired position. The wall stand provides imaging flexibility for chest, abdomen, whole spine, and simultaneous poster anterior (PA) and lateral imaging.



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)

