

# Acuity<sub>SDR</sub>

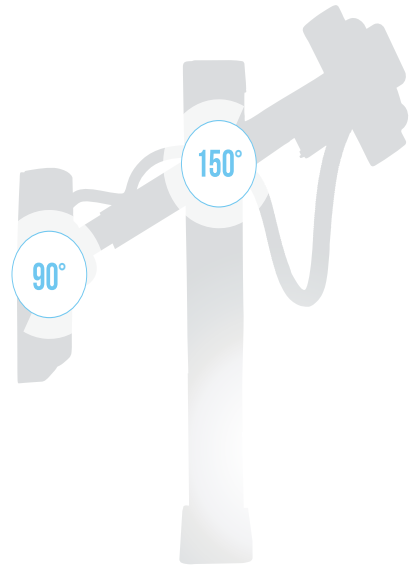
STATE-OF-THE-ART VERSATILITY  
IN DIGITAL IMAGING





## DIGITAL RADIOGRAPHY **ACCESSIBLE TO ALL**

The ACUITY SDR-PLUS, is a digital radiography (DR) system designed for a wide range of general and specialized diagnostic imaging. Semi-automated, pre-programmed positioning for maximum efficiency, includes detector inclination for oblique projections, allowing for efficient positioning of all patient types. Digital flat panel detector with large 43x43cm active area allows flexible imaging of all anatomies with high resolution. Direct digital radiography acquisition, with significantly lower dose compared to CR and film imaging and optimally adjusted image processing, automatically produces crystal clear images of any anatomy of interest. Integrated system console automatically controls all system components while providing the operator with unprecedented simplicity and ease-of-use. Whether working in a general practitioners office or an imaging department the ACUITY SDR-PLUS system provides the user with versatility, functionality and exceptional diagnostic quality.



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## ACUITY SDR-PLUS

OFFERS THE FOLLOWING FEATURES:

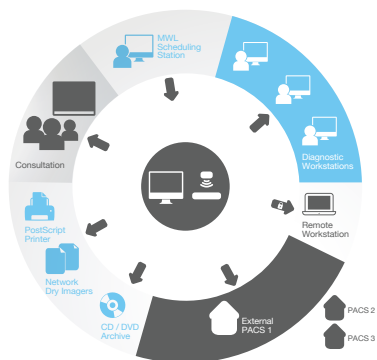
- Easy Semi-Automatic positioning of stand height, SID, X-ray beam angle and of DR Detector
- Optional: Lightweight mobile patient imaging table, (max. patient weight 516lbs)
- High Frequency X-ray Generator, controllable from the digital technologist workstation
- High performance digital flat panel DR detector, with exceptional image quality and large 43x43CM active area
- Image displays in just a couple of short seconds after exposure
- Automated, or manual patient data and exam entry
- Anatomically programmed exposure conditions and image processing
- DICOM archiving in PACS and CD/DVD burning
- Image Stitching software
- Automatic Exposure Control (optional)

# EXCEPTIONAL IMAGE QUALITY AND EASE-OF-USE





## MULTIPLE MOVEMENT CONTROLS



Latest generation, high sensitivity DR flat panel technology integrated in the ACUITY SDR-PLUS system allows significant reduction in X-ray dosages while large 43x43 cm active area provides for imaging of all anatomies in high resolution.

Automated, protocol specific image processing produces optimal visualization of all anatomies while powerful post-

processing tools such as structure enhancement and contrast optimization further improve diagnostic capabilities of the ACUITY SDR-PLUS system. Integrated quality monitoring modules enable long-term monitoring and management of patient dosages and rejected images to give you complete control of the imaging process and safety of your patients and co-workers.



# EFFICIENT SYSTEM CONTROL

Quick and easy stand positioning and motorized source-image-distance (SID) adjustment enables a wide spectrum of upright imaging of the chest and skeleton, supine imaging of patients on the table and various oblique techniques. Ergonomic user interface with multi-language support, integrated patient database, simple technique selection with automated exposure parameter settings for each technique and patient size, with a very short acquisition time from exposure to image display on screen, enable a high patient throughput and make this system universally useful in all applications of diagnostic radiography.





Upgraded features, such as touch screen protocols, optional 3-field Automatic Exposure Control (AEC), optional mobile patient table and highly versatile positioning stand, make the ACUITY SDR-PLUS an excellent value.

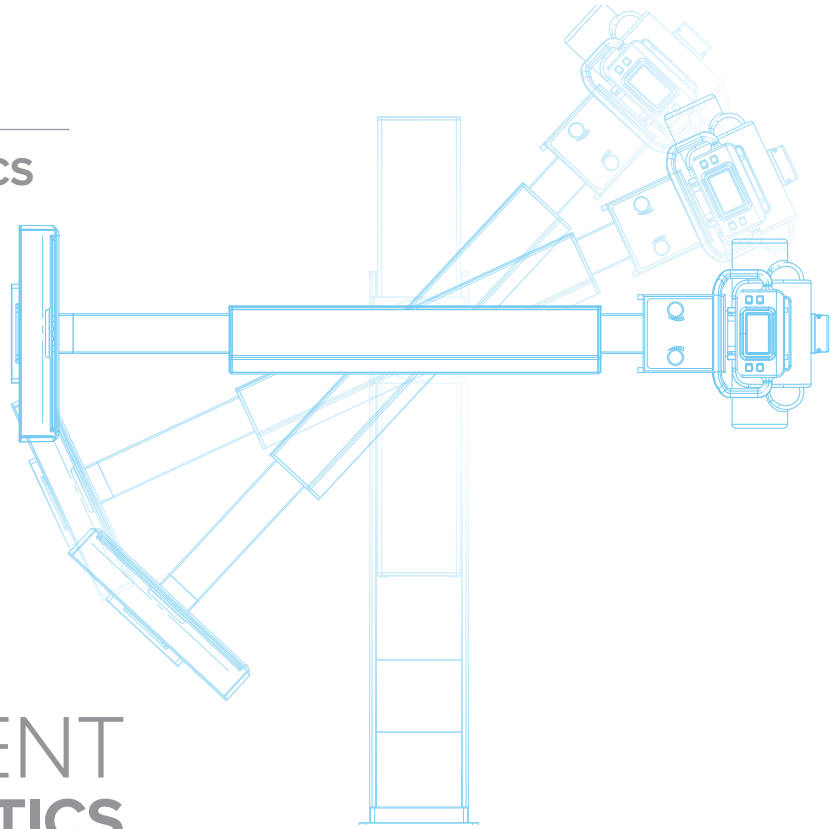


ACUITY SDR-PLUS is intended for the use in general diagnostic radiography imaging at all levels of medical care. Its high patient throughput makes it an ideal choice for primary care, urgent care, and all other diagnostic imaging service areas. The flexible imaging stand design and modest room

requirements also make this system suitable for installation in areas where space is limited. ACUITY SDR-PLUS offers affordable, high performance digital radiographic imaging at a budget friendly price point.

All ACUITY SDR-PLUS products run on own proprietary softwares making us a truly unique one stop shop:

**MOTION AND POSITION ROBOTICS**  
**IMAGE ACQUISITION**  
**PACS**  
**RIS**  
**WORKSTATIONS**



## SIMPLE, EFFICIENT AND SAFE DIAGNOSTICS

RadmediX is a company with many years of experience in manufacturing and installation of digital x-ray devices. Safety and the wellbeing of each and every patient and user using of our devices is of our highest priority. All our devices are designed for safety first and provide high diagnostic quality at all levels of healthcare.

Make use of digital technology advantages, improve image quality and diagnostic reliability, shorten exam times by using the ACUITY SDR-PLUS system and experience our relentless support and secure your well-deserved peace of mind.

*RadmediX Team*



The ACUITY SDR Standard Model is also available. All the same great features without the digital touchscreen on the imaging stand.



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