



# Acuity PDR



**ADVANCED PORTABLE X-RAY**  
ALL CLINICAL APPLICATIONS

Radmedix 2510 Lance Drive, Kettering, OH 45409 USA

Tel: 844.723.6334 | Fax: 513.278.0150 | [info@radmedix.com](mailto:info@radmedix.com)

© 2022 Radmedix Inc. All rights reserved.



## *Acuity PDR, Portable X-Ray Innovation*

The Acuity PDR is an easy to maneuver and truly portable x-ray system designed for mixed practice demands such as home health, remote services as well as an excellent in clinic solution to bring the x-ray directly to the patient.

The Acuity PDR offers the latest cutting edge wireless technology with a powerful lithium battery to achieve over 300+ exposures on a single charge. No more hassling to search for a power outlet to plug into and wondering whether or not it has adequate amperage to support it. The Acuity PDR is ready when you are. Available in 2kw and 5kw models.



Pair the Acuity PDR with one of Radmedix Acuity DR systems for a fully digital experience using our AccuVue software.

## *Acuity PDR Overview*

- Totally wireless portable x-ray
- Customized pre-programmed x-ray techniques
- 40" laser distance SID indicator and measuring tape
- 90° ± rotating LED laser collimator
- Over 300 exposures on a single charge
- Built in tube protection
- 10 minute rapid charge allows 50 exposures
- Modular system for easy servicing
- Soft touch membrane type buttons
- Programmable timed exposure controls
- Auto diagnosis with 14 fault codes for intelligent error reporting
- Available with optional mobile cart

## *Quick Detach PDR Head*

The PDR offers a quick release function from the stand to instantly be used handheld in those tough to access clinical applications.



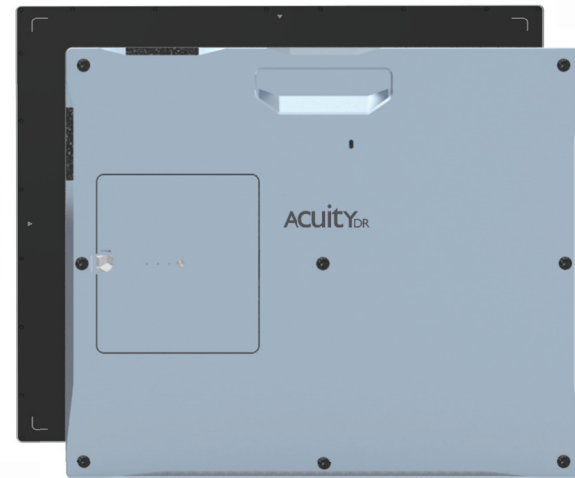
## *Convenient DR Storage*

The Acuity PDR stand incorporates a carefully crafted and latchable storage bin for ultimate panel protection from the elements and ease of transport.

# SPECIFICATIONS

## Combine with Acuity DR for the Ultimate Portable Solution

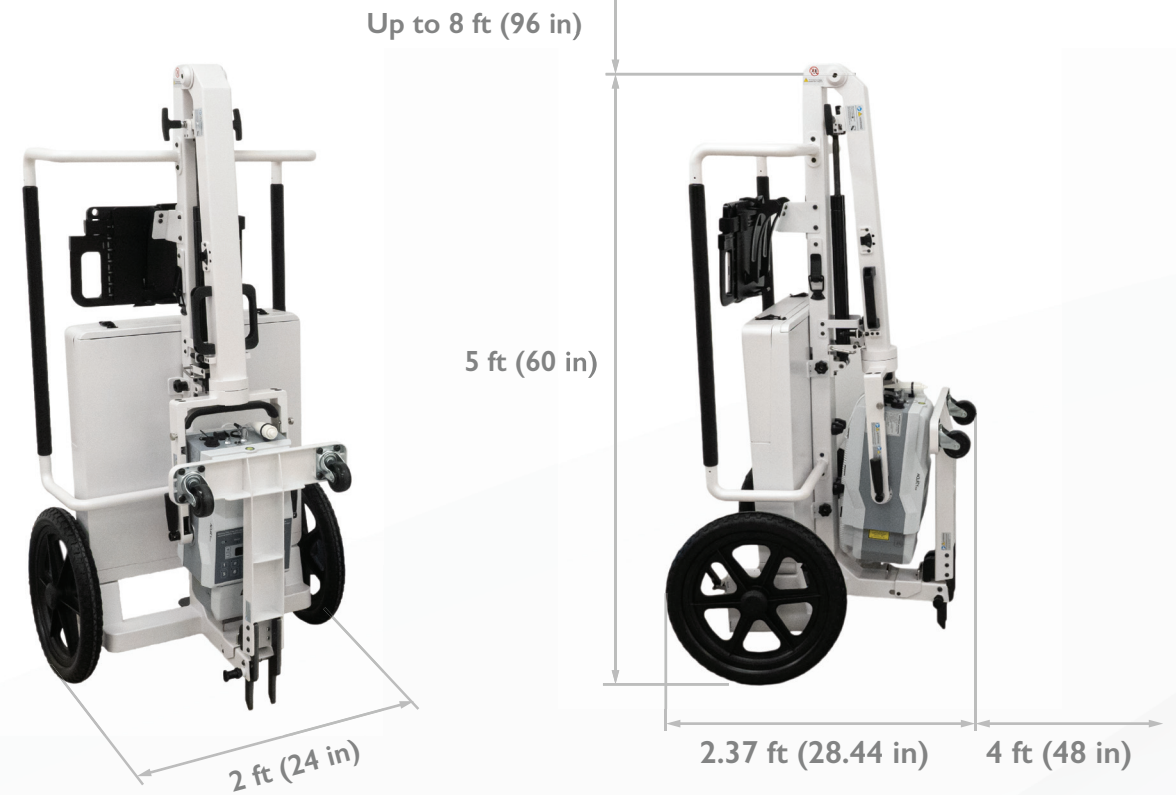
Package the Acuity PDR with one of Radmedix's G3 Acuity DR wireless detectors for a completely portable digital solution. These detectors offer less dose requirement for patients and superior image quality expected from an all-in-one portable digital x-ray solution.



- Excellent imaging quality
- Durable panel construction with lightweight design
- Long lasting and efficient battery life
- Quick image display in seconds
- Dedicated wireless connection to image workstation
- Intuitive, customized user interface to your imaging needs

## 40" SID Laser Indicator

The Acuity PDR is equipped with an ultra-bright LED, rotational collimator and SID laser distance indicator. The SID laser ensures safe and accurate imaging distance when the two laser dots converge for the correct exam 40" SID.



Model	Acuity PDR
Max Output	2kW
Battery Charger Input Voltage	100~240VAC   IP   50/60Hz   1.2A (max)
Battery Input Voltage	29.6VDC
Rating	40~100KV auto-switching 20/25mA (50mAs max)
Focal Spot	1.2mm
Memory Keys	16 Techniques
Collimator	LED   Laser   Glass etched crosshair 90°± rotating collimator with manually adjustable shutters
Minimum X-Ray Radiation Field	≤ 5cm x 5cm @ 100cm SID
Maximum X-Ray Radiation Field	≤ 35cm x 35cm @ 65cm SID
Cart Weight	115 lbs
Head Weight	26 lbs

Model	Acuity PDR+
Max Output	5kW
Battery Charger Input Voltage	100~240VAC   IP   50/60Hz   1.6A (max)
Battery Input Voltage	44.4VDC
Rating	40~125KV auto-switching 20-100mA (200mAs max)
Focal Spot	1.2mm
Memory Keys	16 Techniques
Collimator	LED   Laser   Glass etched crosshair 90°± rotating collimator with manually adjustable shutters
Minimum X-Ray Radiation Field	≤ 5cm x 5cm @ 100cm SID
Maximum X-Ray Radiation Field	≤ 35cm x 35cm @ 65cm SID
Cart Weight	115 lbs
Head Weight	29 lbs