



Acuity PDR



ADVANCED PORTABLE X-RAY
ALL CLINICAL APPLICATIONS

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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
- Available with our classic cart stand or our more rugged Tough Cart
- Modular system for easy servicing
- 10 minute rapid charge allows 50 exposures
- Auto diagnosis with 14 fault codes for intelligent error reporting
- Programmable timed exposure controls
- Soft touch membrane type buttons
- Built in tube protection

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.

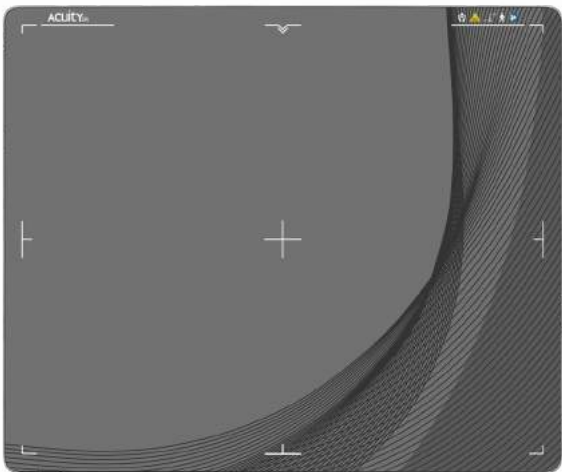


Convenient DR Storage

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

Combine with G4 Acuity DR 1417 for the Ultimate Portable Solution

Package the Acuity PDR with our G4 Acuity DR 14x17 panel for a completely portable solution. This panel has been constructed with a flexible GLASS-FREE substrate to allow the panel to absorb impacts better, which greatly improves durability from drops. Perfect for the mobile market.

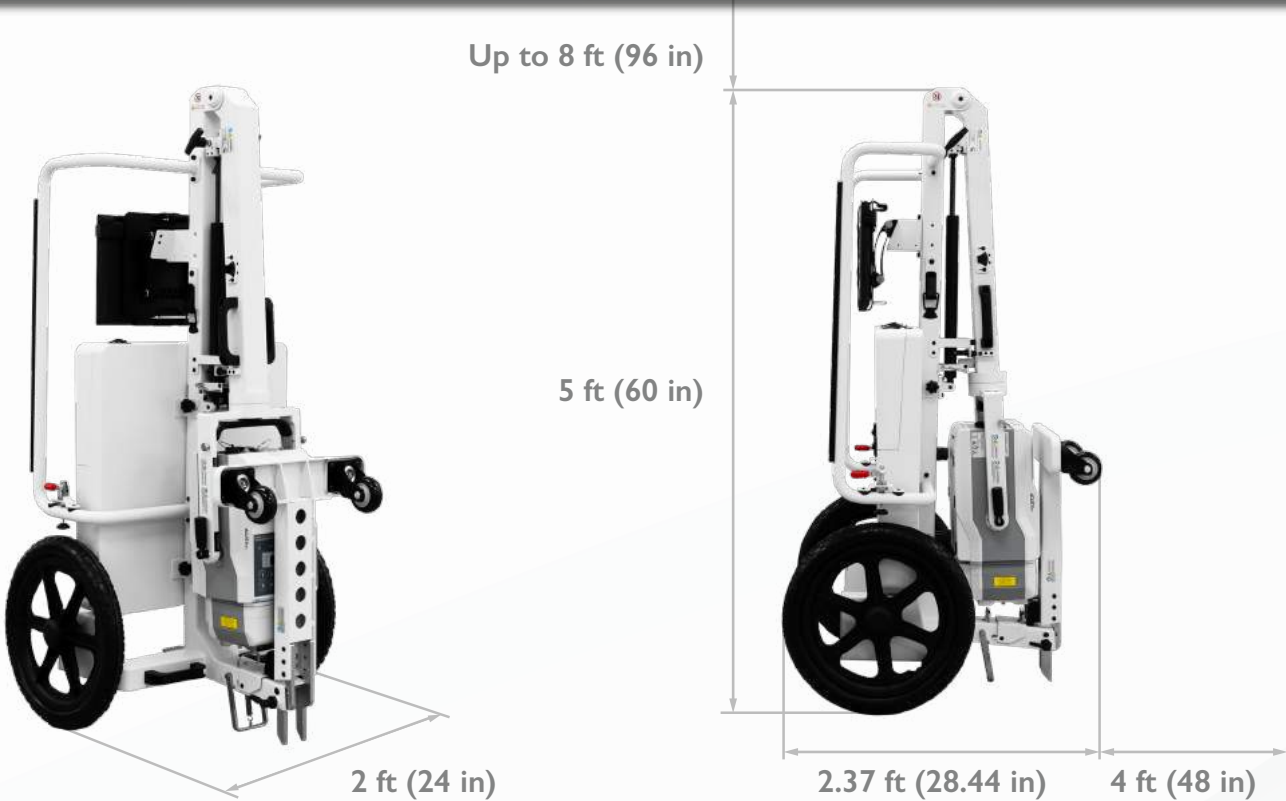


- G4 panels have a 100µm pixel pitch for superior image clarity and depth
- Quick acquisition time for faster image display
- Extended battery life, lasts for up to 9.5 hrs for all day clinical use
- IP56 Rated for extreme resistance against liquid, dust, and bodily fluids
- Stable and reliable AED for patient dose reduction
- Dedicated wireless connection to image workstation



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