Radmedix

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CE FDA

# ACUITY UDR

## ADVANCED U-ARM SYSTEM

Radmedix

# ACUITY UDR

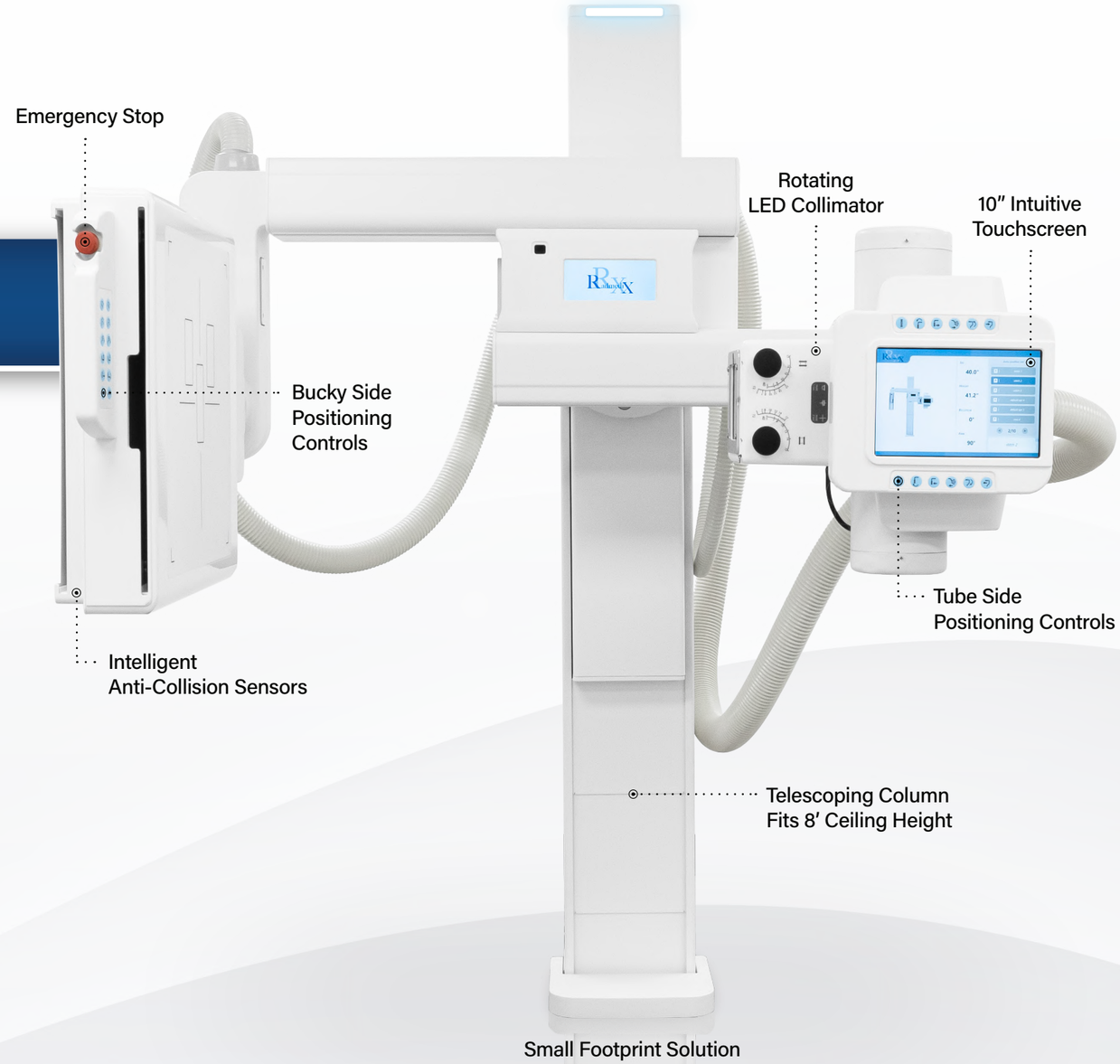
## U-Arm Digital X-Ray System

*Compact Fully Automatic Solution.*

**Acuity UDR U-Arm X-Ray System:** Radmedix has introduced its compact advanced u-arm x-ray system which features faster radiography imaging through motorized fully automatic positioning. This allows the system to be moved into an exact position per the exam selection through our intuitive touchscreen display console or by the included handheld wireless remote control.

No longer will you have to spend unnecessary time manually moving the system, just select one of your pre-programmed positions you have set in the touchscreen console and you're ready to go.

Experience our innovative ***Fully Automatic*** Acuity UDR solution today! Increase clinical efficiency and greatly improve patient care.



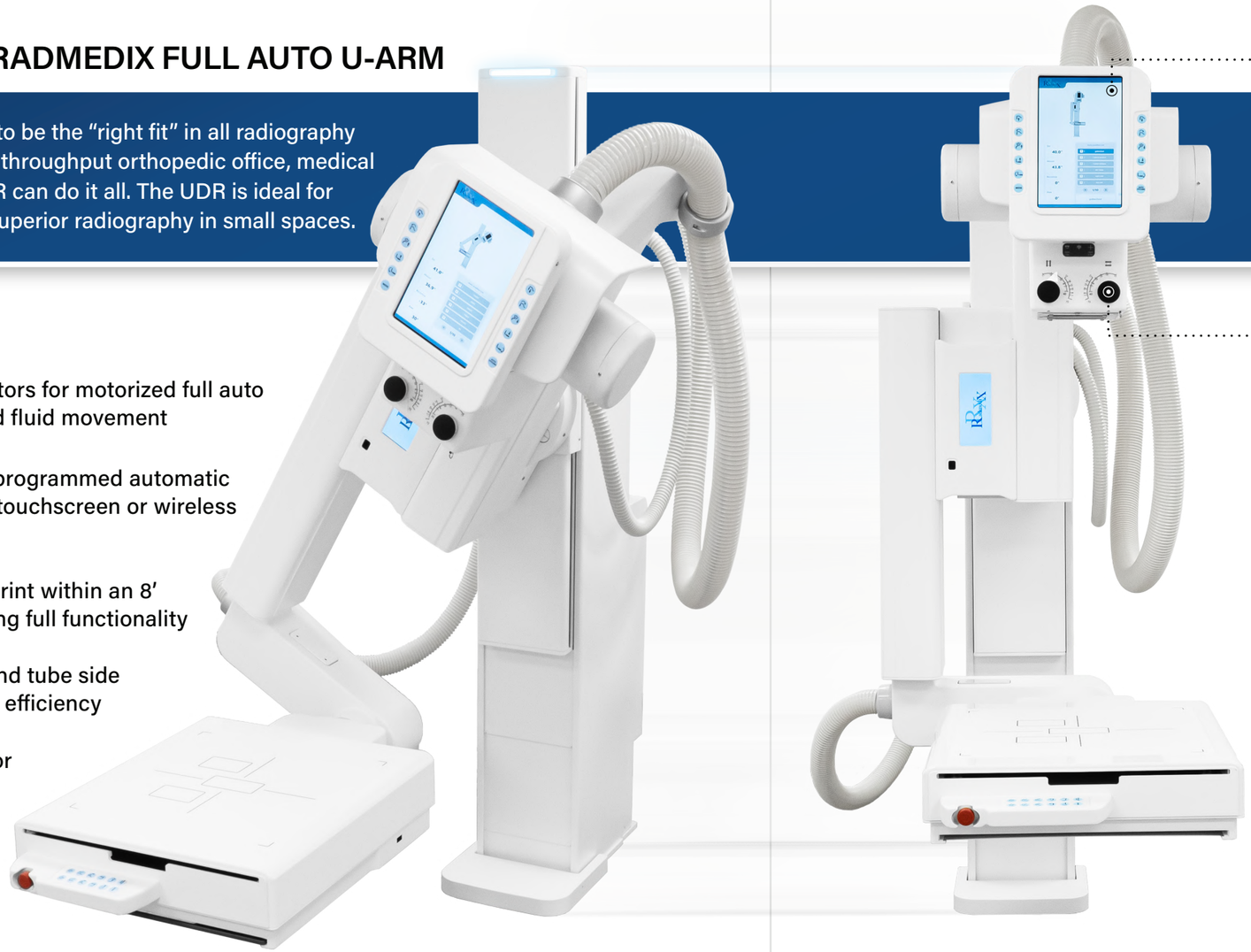
# Advanced Radiography X-Ray System.

## *THE RIGHT FIT* RADMEDIX FULL AUTO U-ARM

The Acuity UDR has been built to be the “right fit” in all radiography applications whether it’s a high throughput orthopedic office, medical application, or hospital, the UDR can do it all. The UDR is ideal for locations that need to provide superior radiography in small spaces.

### Key Features:

- ✔ Utilizes advanced servo motors for motorized full auto positioning with precise and fluid movement
- ✔ Up to 60 customizable pre-programmed automatic positions selectable on the touchscreen or wireless handheld remote
- ✔ Occupies the smallest footprint within an 8’ ceiling height without limiting full functionality
- ✔ Quick independent bucky and tube side movement to improve exam efficiency
- ✔ Dual laser rotating collimator with precise alignment
- ✔ Optional Automatic Exposure Control



**Bucky Side Controls**

The Acuity UDR comes equipped with easily accessible positioning controls on the side of the bucky as well as on the intuitive touchscreen display console.

**Wireless Handheld Remote**

The Acuity UDR also comes equipped with a user friendly wireless handheld remote for more convenient and faster exam positioning at your fingertips.



# Acuity UDR Feature Packed System.



### 10” Intuitive Touchscreen Display Console

The Acuity UDR utilizes a 10” touchscreen display console that controls all system components while providing the technologist with simplicity and ease of use. Preset source to image distance with motorized full auto positions.

### LED Rotating Collimator

The Acuity UDR is equipped with an ultra bright LED dual laser rotational collimator and SID laser distance indicator. The SID laser ensures safe and precise imaging.

### Additional Features:

- ✔ Integrated high performance Acuity DR digital flat panel DR detectors, with fast image display and exceptional image quality
- ✔ Integrated safety features with an emergency stop button and intelligent anti-collision sensors
- ✔ Optional auto stitching which enables the ability to shoot full spine and long leg exams
- ✔ Optional lightweight mobile patient imaging table, weight bearing stand, and stitching stand

### Powerful AccuVue Software

The Acuity UDR uses powerful AccuVue software which offers the user a convenient user-friendly interface to display various anatomical tuning features from a single exposure to offer the most out of a diagnostic imaging solution.

Increase diagnostic workflow with feature packed diagnostic tools and options such as stitching and clinical specialty markup tools.

# Motorized full auto positioning enables a wide array of fast patient positioning.

The Acuity UDR automatically moves into position through customizable pre-programmed positions that you can save into the system to recall at any time. The system is moved by fully integrated APR's sent via AccuVue software, selecting the onboard positioning controls, or by using the included wireless remote. The convenience of the remote makes patient positioning FASTER and EASIER than ever before.

# Acuity UDR U-Arm X-Ray System Versatile Exam Options.

## Utilize our optional mobile patient imaging table.

The Acuity UDR features a unique u-arm design which when paired with our optional patient imaging table allows for a variety of exams in non weight bearing views with precise alignment such as cross table lateral.

### Table Specifications:

Patient Load: 500lbs
Tabletop Dimensions: 32" x 86"
Locking Wheel Mechanism

### UDR U-Arm Weight Bearing Stand

The Acuity UDR can be used with our optional weight bearing stand which makes lower extremity x-ray imaging such as foot and ankle easier to perform.

Just select your preset position on the UDR for automatic movement then move the stand overtop the bucky. The stand comes equipped with a locking wheel mechanism to keep it from moving and it has a clear polycarbonate top, rated for 500lbs to support any patient.

### Stand Specifications:

Patient Load: 500lbs
Stand Top Dimensions: 26" x 30"
Locking Wheel Mechanism

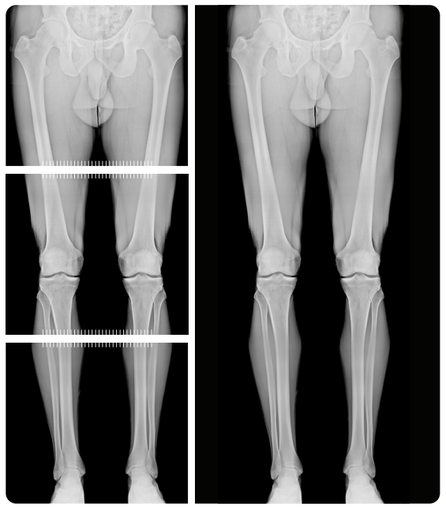
# Fully Integrated Auto-Stitch Capability.

## Capture 2 or 3 View Stitching in Under a Minute

### Automatic Stitching Powered with AccuVue

The Acuity UDR has advanced auto-stitching available which automatically positions the UDR into required stitching positions through programmed overlap and angulation calculations. This enables full spine and long leg exams to be executed effortlessly with pinpoint accuracy in under a minute. The system uses quick independent tube and bucky side movement for added precision.

After the image capture, the AccuVue software auto-stitching feature analyzes the correct overlap anatomy. It then proceeds to auto-create the alignment and single stitched study. This advanced software intelligence ensures seamless and low dose work of demanding multi-position exams.



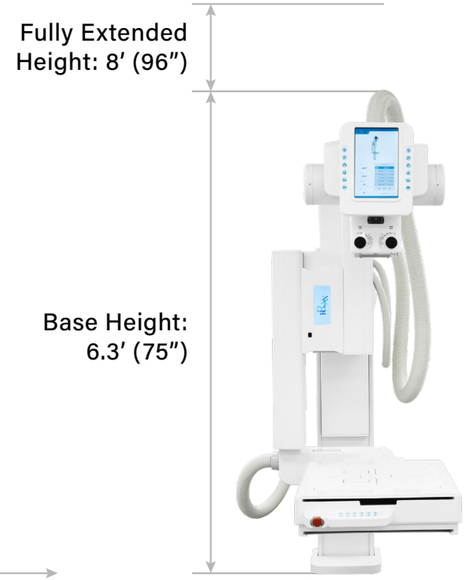


# Perfect For Any Clinical Application.

Medical, Orthopedic, Urgent Care, and more.

# Acuity UDR System Specifications.

**Acuity UDR Dimensions Below ▪ System Weight: 900lbs**




| Specifications | Acuity UDR |
|---|---|
| **X-Ray System Type** | Floor Mounted U-Arm |
| **Auto-Positioning** | Motorized Full Auto |
| **Generator/Tube** | Several configurations available |
| **Source to Image Distance** | 40 in. - 72 in. |
| **Vertical Movement of Swivel Arm** | 15.75 in. - 66.9 in. |
| **Swivel Arm Rotation** | -30˚ ~ 120˚ |
| **Tube Rotation** | ±90˚ |
| **Detector Rotation** | ±45˚ |
| **Collimator** | ±90˚ rotating dual laser LED |

| Optional |
|---|
| Mobile Patient Imaging Table |
| Weight Bearing Stand |
| Automatic Exposure Control |
| Automatic Stitching |
| Stitching Stand |



ACUITY UDR

# Redefining Digital X-Ray.