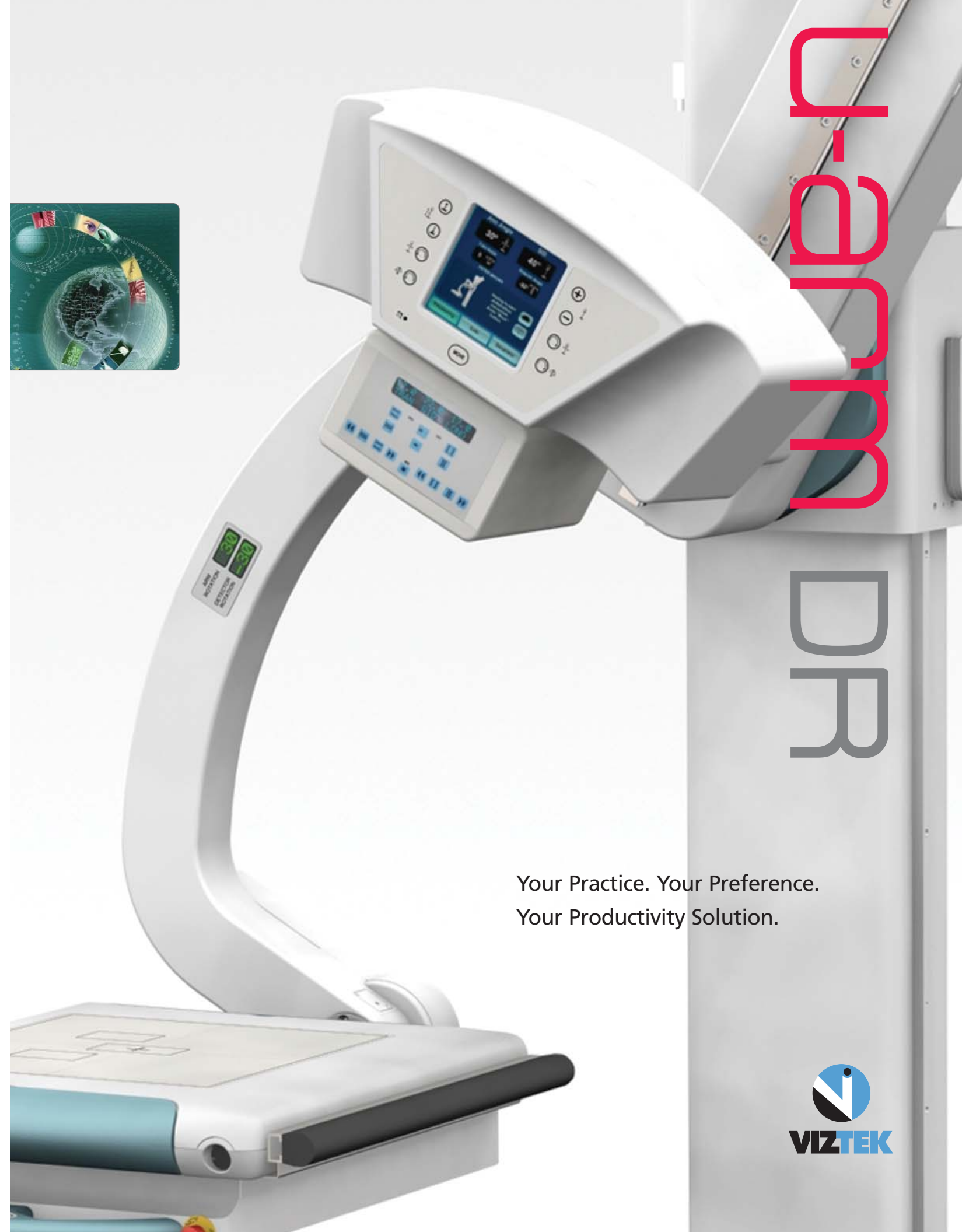


U-arm DR *features and benefits*

- Patient Side Control
- Generator Control
- Auto-positioning Control
- Off-center Imaging
- 17 x 17 imaging
- Stitching
- AEC
- Collision Sensors
- Angle Read-out
- Single/Dual Grid
- Advanced Processing Algorithms
- Remote Control



Your Practice. Your Preference.
Your Productivity Solution.

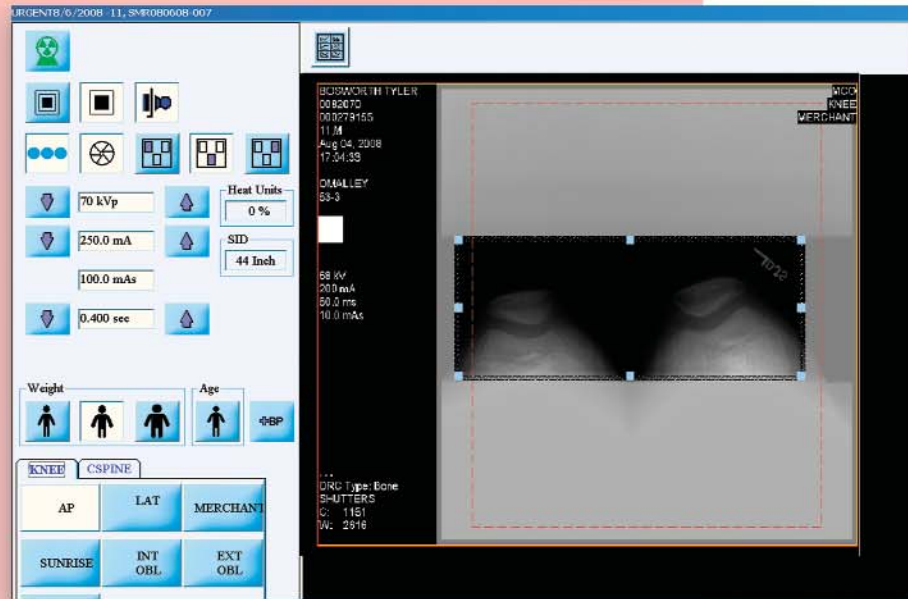


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U-arm DR

TAKING DIGITAL RADIOGRAPHY TO THE NEXT LEVEL



Improve Radiology Workflow

The freedom to maneuver the hardware allows for optimal flexibility for patient examinations; patients can be standing, sitting or in the lying position. The system is designed to constantly maintain alignment between the x-ray tube and the image receptor, regardless of the angle of the image receptor or the u-arm tilt positions.

Viztek's U-Arm DR features user-friendly controls that operate dual speed motorized movements, while the intuitive anti-collision system makes patient positioning quick, easy, and safe. The ease of use facilitates a more confident diagnosis. Additionally, the patient table allows for the patient

to be moved into any required position without the need for repositioning.

Superior Image Quality

Viztek U-Arm DR features state-of-the-art functionality for supreme digital imaging. Derived from SmartRAD technology, the Viztek U-Arm is designed for all imaging applications. Avoid the time-consuming demands of film processing and enter the digital world of Direct Radiography. The Viztek U-Arm DR provides digital images within seconds of exposure.

Feature-Rich Digital Radiology

Advantages of Viztek's U-Arm DR include superior image quality, with greater visualization of soft tissue and bones from the same study exposure. The integrated system of generator console with the workstation in a single unit improves productivity and decreases the chance of operator error. With image display within 3 seconds of exposure, the DR enables high-throughput performance, enhancing practice workflow. The DuraRAD-QSL detector enclosure keeps the panel safe, enhancing image quality, increasing its longevity, and assuring system stability. The system's x-ray detector has a 17" x 17" matrix and a 14 bit dynamic range pixel size.

DR + PACS = MORE

Couple the DR technology with Viztek's enterprise level Opal PACS and enjoy the enhanced workflow of a digital practice. The feature-rich PACS is just another way that Viztek can provide the tools to drive a more efficient imaging facility.

Improve Your Workflow, Drive Your Business

Make your move into the digital world today. Let Viztek show you how to do it easily and affordably. Our technology is leading edge. Our support and upgrades are state-of-the-art.

The **Main Column** is a floor-to-wall mounted system that supports vertical movement with a dual-speed motorized swivel arm for accurate and easy setting.

The **X-Ray Generator** is compact and can supply 50-80kW of output power.

The **Collimator** features linear laser beam with light field indicator for optimal patient positioning.



Table Side Control

- Technique view and change
- Angle read out
- Positioning Pre-sets
- Custom Views
- Generator Control

Mobile Patient Table Standard

- The table-top composition is a laminated structure with a patient capacity of 441lbs.
- The Dimensions of the table – 78.7"L x 25.6"W x 27.6"H

Power Line Requirements

Line voltage: 208; 230; 240 VAC (single phase) - Stand
Power Consumption: 1.5 KVA
Three Phase 480v Generator

Motorized Swivel Arm

- Dual-speed motorized movements for SID adjustment, arm elevation, and arm rotation.
- Source-to-image Distance (SID) is 40"-72" inches and is continuously adjustable by operator hand control, allowing for a range of radiographic studies.
- Rotation Angle is 150° (90° +/- 30°)

Image Detector Cabinet

- **Detector Cabinet** with Integrated Control Panel measures 17" x 17" inches with a range of tilt at +/- 45°
- **Grid Type** is high density, stationary, removable, with 78 lines/cm and a ratio of 10:1 / f = 135 cm

Options Available

- Mobile Table
- Mobile Hi/Low Table
- Weight Bearing Stand
- Stitching Software

