

Kodak DirectView

DR 9500 System

A complete digital solution

Carestream Health offers a broad range of high-quality digital imaging and information solutions.

- ▶ KODAK CARESTREAM Radiology Solutions transcend the traditional lines between RIS and PACS, helping healthcare providers automate the various elements of the diagnostic exam process including ordering, scheduling, image acquisition, diagnosis, report/results distribution, image management, and billing support. KODAK CARESTREAM Radiology Solutions facilitate easy storage, distribution, and on-demand retrieval of a patient's entire radiology record to any authorized user in the healthcare network.
- ▶ KODAK CARESTREAM Information Management Solutions (IMS) combine software, non-proprietary hardware, and professional services to consolidate and control all archived healthcare data. IMS goes beyond conventional storage functions to effectively manage the exploding volumes of patient images and information.
- ▶ KODAK DIRECTVIEW CR Systems capture, distribute, and archive images to improve availability, workflow, and productivity. Additionally, KODAK DIRECTVIEW Long-Length Imaging Software enables capture and consolidation of a wide range of long-bone images, automatically aligning, ordering, and rotating images for stitching without the need for manual intervention.
- ▶ KODAK DRYVIEW Laser Imagers deliver exceptional image quality, reliability, and world-class connectivity. This family of dry laser imaging systems is the most comprehensive and popular in the world.

CARESTREAM Service and Support— a team of experts to optimize system performance

Count on timely, dependable service and support from Carestream Health for your DR 9500 System.

- ▶ Carestream Health's team of more than 1,700 service professionals worldwide is dedicated to keeping your system up and running at peak performance.
- ▶ Carestream Health offers a variety of professional services that range from site planning and project management to DICOM and integration services.
- ▶ Carestream Health's design parameters and manufacturing processes help ensure maximum system reliability.
- ▶ Secure remote diagnostic services help resolve issues promptly for optimized DR System uptime.



Kodak
Licensed Product

Carestream Health, Inc.
150 Verona Street
Rochester, NY 14608

Carestream Health Canada Company
6 Monogram Place
Suite 200
Toronto, Ontario M9R 0A1
CANADA

More information

Learn more about the KODAK DIRECTVIEW DR 9500 System—and Carestream Health's flexible family of DR systems. Contact your Carestream Health representative, or call 1-877-865-6325, ext. 227.

➔ www.carestreamhealth.com

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HEALTH

The Innovation Powering **Kodak** Health Products



The flexibility of a dual-
detector system...in a unique,
single-detector design


Kodak
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DR 9500 System



Kodak DirectView

DR 9500 System

A multi-purpose single-detector DR system designed for ultimate flexibility, enhanced workflow, and productivity

 Most technologists are familiar with traditional overhead tube, table, and wall-stand configurations. The KODAK DIRECTVIEW DR 9500 System is different. It incorporates a unique ceiling mounted U-arm (tube and detector) that offers unprecedented freedom, mobility, and operational flexibility. The DR 9500 easily moves around the patient, making it ideal for all horizontal, upright, and angled projections. The Bucky and the tube are always aligned, enabling faster positioning, enhanced comfort, and added convenience for patients—particularly those with limited mobility.

To enhance operator usability and workflow productivity, the DR 9500 System is designed with three operator interfaces, ergonomically located in convenient locations to minimize technologist relocation during image-capture procedures. Patient data from the hospital's HIS/RIS is transferred (via DICOM worklist) to the system's operator console, as well as to the two operator interfaces on the U-arm.

The multi-purpose design of the DR 9500 distinguishes it from other systems in the marketplace. It can quickly and efficiently perform exams traditionally performed with a dual-detector system. And, even when using low patient dose, it delivers high quality images that are consistent with the Kodak brand.



Provides the ultimate in flexibility for patient positioning and comfort

The KODAK DIRECTVIEW DR 9500 System is designed for a full range of head, chest, skeletal, extremity, and abdomen procedures. The system is ideal for general-purpose radiography applications that benefit from the “openness” of a single-detector design. The DR 9500 System includes:

- ▶ Ceiling mounted U-arm that includes Bucky and x-ray tube assembly
- ▶ X-ray generator
- ▶ Integrated system operator console

Ceiling mounted U-arm

The single-unit design of the DR 9500 System ensures that the Bucky and the tube are always aligned for enhanced flexibility and productivity. The all-in-one U-arm moves around the patient, simplifying patient positioning and improving workflow for the technologist, while enhancing comfort and convenience for the patient.

Broad range of exams

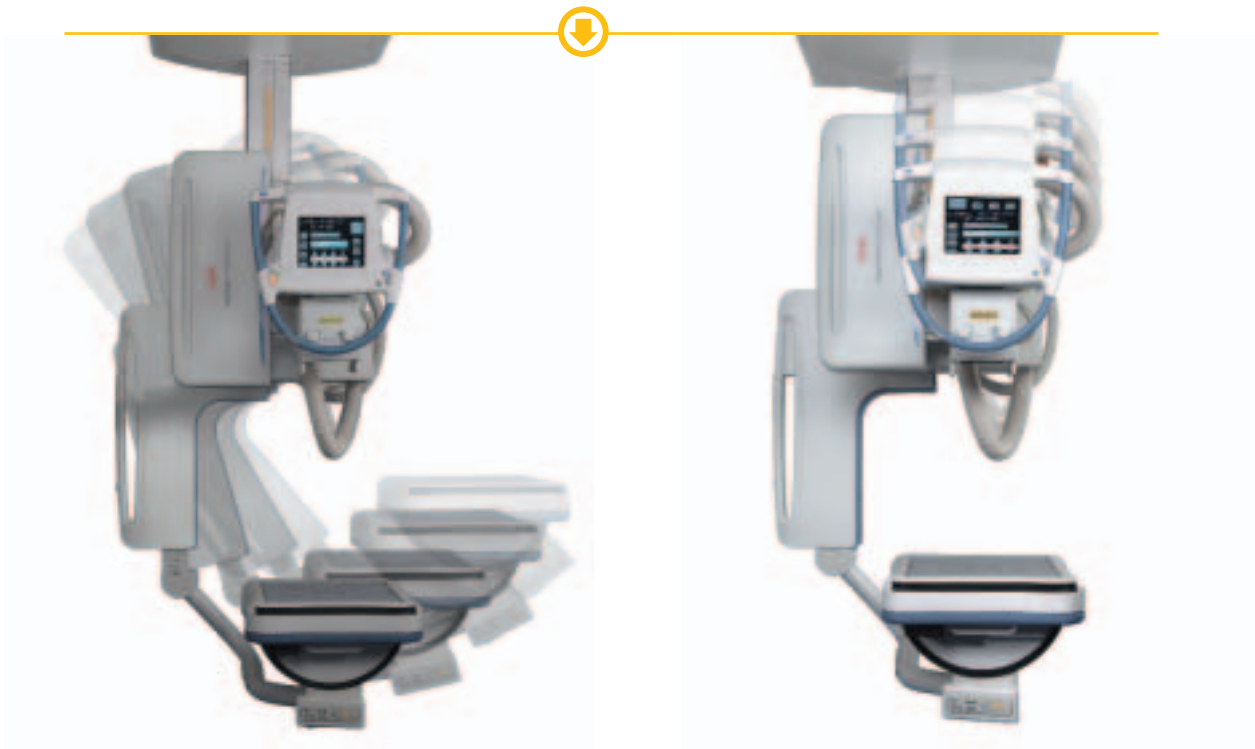
The KODAK DIRECTVIEW DR 9500 System is designed to capture sagittal, coronal, oblique, and horizontal planes.

- ▶ Eliminates the need to reposition your patient for bilateral exams.
- ▶ Unique U-arm design delivers the benefits of a state-of-the-art wall stand.
- ▶ Allows technologists to capture the left and right side of the body without moving the patient or the table.
- ▶ "Open" system design helps simplify access challenges for a variety of exams, including patients in wheelchairs.
- ▶ Motorized Bucky angulates $\pm 45^\circ$ to accommodate exams such as submentovertex (SMV) skull, PA (15°) Caldwell skull, tangential knee, and more.



Operational flexibility

- ▶ Touch screen operator interfaces display a wide variety of system and patient information including:
 - SID
 - Patient name and demographic information
 - Exam type
 - U-arm angle
 - Collimation
 - AEC On/Off
 - kVp/mAs
 - Selected exam patient body size
 - Tube head angle
 - Auto-position selected
 - Filtration
 - Detector On/Off
- ▶ Nearly all adjustments can be made from the touch screens or the remote control unit, reducing operator footsteps and time.
- ▶ Auto-positioning (optional) extends functionality. With a single button, the equipment will move into the preprogrammed position for the next exam. Up to 35 positions can be programmed.
- ▶ “Intelligent motion” (optional) enables independent tube and Bucky movement, and allows the Bucky to remain horizontal to the table during rotation of the U-arm.
- ▶ Two-speed motorized movement (optional) enables fast positioning and final setting adjustments.





Ergonomic and safe design

The DR 9500 System is designed with a variety of workflow enhancing features that help improve radiographer productivity and provide added comfort for patients.

- ▶ Controls are conveniently positioned at the tube handle, Bucky and U-arm, as well as the remote control unit, to accommodate personal operator preferences.
- ▶ The U-arm is counterbalanced for easy manual positioning.
- ▶ Touch screen operator interface displays transition with U-arm movement for easy reading.
- ▶ Collision control in both motorized and manual modes helps ensure safety.

Superb image quality

The DR 9500 System provides superb image quality consistent with the Kodak brand.

- ▶ Large detector pixel matrix (3000 x 3000—143 micron pixels) captures sharp, detailed images with high DQE and low noise.
- ▶ Unique KODAK DIRECTVIEW Image Processing Software (the same software used in all KODAK DIRECTVIEW DR and CR Systems) produces superb image quality.
- ▶ KODAK DIRECTVIEW PTS Software optimizes grayscale display and applies examination-specific nonlinear edge enhancements to images.
- ▶ Optional KODAK DIRECTVIEW EVP Software extends image latitude without loss of detail contrast, taking image quality and diagnostic confidence to an even higher level.





High-performance software options

Additional software options further enhance the workflow and operational efficiencies of the DR 9500:

- ▶ KODAK DIRECTVIEW Capture Link System integrates up to five KODAK DIRECTVIEW DR and/or CR Systems for improved workflow when a study includes DR and CR images.
- ▶ KODAK DICOM Work List Management Service Class User Software eliminates manual data entry by enabling patient data to be obtained directly from a HIS/RIS system.
- ▶ IHE Scheduled Workflow Software automatically notifies the HIS/RIS of exam status to maintain consistent patient and ordering information.

One space-saving console controls all imaging functions

The fully integrated KODAK DIRECTVIEW DR System Operator Console puts high performance at the operator's fingertips to help improve workflow, productivity, and patient care. From a single console, an operator can control all imaging functions—including HIS/RIS patient data access, x-ray generator, image review, and management. Additionally, the operator can toggle between examinations and add views/studies, resulting in reduced patient repositioning.

The KODAK DIRECTVIEW DR System Operator Console utilizes the same intuitive, touch screen user interface found in all KODAK DIRECTVIEW DR and CR Systems for simple, consistent user operation. This consistent "look and feel" helps reduce training times and boosts productivity.



Table alternatives

The DR 9500 System accommodates a wide variety of popular mobile radiographic tables used in healthcare facilities around the world. The "open design" compatibility and flexibility of KODAK DIRECTVIEW DR Systems help improve operational workflow and simplify patient positioning for added comfort and convenience.