

KODAK DRYVIEW 8900 LASER IMAGER

High-speed printing without compromise!

PERFORMANCE
TO EXCEED EXPECTATIONS

KODAK MEDICAL SYSTEMS
FOR RADIOLOGY



KODAK RELIABILITY

- Reliable and proven DRYVIEW laser imaging technology keeps equipment up and running. The laser diode used in all DRYVIEW imagers never touches the film and does not wear out.
- Invest with confidence. DRYVIEW Laser Imagers deliver proven great performance and earn consistently high customer satisfaction ratings.

KODAK SERVICE KEEPS YOU UP AND RUNNING

- Count on Kodak's imaging expertise and a broad, global network of over 1,500 KODAK service and support personnel worldwide, to deliver timely, responsive, world-class service.
- Reduce on-site calls with remote diagnostics and remote service to resolve issues and minimize downtime.
- Integrate and optimize your digital imaging solutions, and manage your film-to-digital imaging transition, with expert assistance from Kodak.

PRIVACY AND SECURITY ENABLEMENT

- Address HIPAA and related privacy and security requirements through built-in printer functionality.
- Control operator access with password management schemes using imager security functions.
- Monitor imager use with an audit log that automatically tracks transactions.
- Secure communications between the imager and off-site KODAK service personnel to protect data confidentiality.
- Optimize network security using KODAK Remote Management Systems—an option available from Kodak.

SEAMLESS CONNECTIVITY

- Integrate with nearly all modalities, including full-field digital mammography (FFDM) systems and KODAK CR, DR, and PACS systems for automatic image routing to the correct film size without operator intervention.
- Connect to a virtually unlimited quantity of networked DICOM modalities.
- Protect investments in legacy modalities using KODAK PACS Link network interface products which convert non-DICOM modalities to DICOM.

EASY PLACEMENT

- Locate this imager where needed for convenience, workflow, and productivity. DRYVIEW laser technology eliminates the need for plumbing.
- Save space with integrated DICOM interfacing.
- Front service access and a top-mounted film sorter eliminate the need for added floor space.



KODAK DRYVIEW 8900 LASER IMAGER

AMAZING SPEED, WITH THE QUALITY AND



Quick and agile, the enhanced configurable KODAK DRYVIEW 8900 Laser Imager delivers outstanding image quality and throughput. Never before has a high-throughput dry imager printed every image at 650 dpi on every film size, every time, with no throughput compromises. An amazing throughput of up to 200 films per hour helps you manage your most demanding imaging applications and busiest peak hours.

Choose one, two, or three film drawers, an optional six-bin film sorter, and a mammography upgrade, to meet your needs and budget. The 8900 handles multiple demanding modalities—and boosts productivity by enabling selection of different film sizes by simply changing film cartridges.

FLEXIBILITY YOU DEMAND

SUPERB IMAGE QUALITY WITH 650 DPI

- Print 650 dpi on every image, every time, without throughput compromise.
- Low image noise floor makes low-contrast objects easier to visualize.
- Render more detail with superior grayscale, with 16,384 possible levels of gray.
- The 8900 delivers a printable pixel matrix of over 100 megapixels (9,100 x 11,037).
- Promote reading efficiency and diagnostic confidence with outstanding image quality.
- Print multiformat CR and DR images without compression or loss of data.
- Protect your imager investment with state-of-the-art capability that will continue to meet your needs as newer and more capable modalities become available in the future.
- Meet your contrast and density preferences with Kodak's unique Automatic Image Quality Control (AIQC) system with a built-in densitometer. Maintain film-to-film consistency when reloading film or changing film size—automatically without user intervention.
- Get the high performance and flexibility you need for computed radiography, digital radiography, and high-volume modalities.

GET THE SPEED YOU NEED!

- Optimize your workflow and boost productivity with high throughput.
- Print up to 200 films per hour—each film at a resolution of 650 dpi.
- Time to first print in less than 70 seconds; subsequent prints in under 20 seconds.
- Handle demanding high-volume applications.
- Minimize bottlenecks during busy peak times.

WHICH CONFIGURATION IS RIGHT FOR YOU?

- Design an 8900 to meet your needs—choose one, two, or three film drawers, with or without multi-bin sorter, and a choice of an upgrade for mammography printing.
- Better manage costs by printing on the film size needed for the application.
- Scale to future needs—configure upfront or upgrade later to meet your changing needs.



WORK-SAVING FEATURES BOOST PRODUCTIVITY

- Streamline film loading. Film cartridges load in less than 10 seconds in full roomlight. There is no bag cutter to use or lose, no bags to remove or dispose of.
- Reduce loading frequency. Each film drawer accepts a 125-sheet cartridge. A three-drawer imager holds three cartridges with up to 375 film sheets.
- Stay in control. A color touch-screen and intuitive interface show the size and number of films in each drawer, status messages, and queue management information—with a choice of multiple languages. In addition, visual signals indicate low or depleted film cartridges.
- Spend more time with patients. No manual or service adjustments are needed when loading new film cartridges.
- Energy-save mode is built-in for use during periods of inactivity. Use on-demand wake-up for after-hours imaging and preset wake-up times based on your needs.

**LOAD ANY OF FIVE FILM SIZES
IN ANY FILM DRAWER, AT ANY TIME,
WITH NO OPERATOR OR SERVICE ADJUSTMENT.**



FLEXIBLE PRINTING—ANY SIZE, ANY DRAWER, ANY TIME

- Print 650-dpi diagnostic images on five film sizes—with up to any three sizes online.
- Print true-size images. Edge-to-edge printing maximizes image area.
- Choose from five film sizes— from 8 x 10 in. to 14 x 17 in. (20 x 25 cm to 35 x 43 cm). 10 x 12 in. (25 x 30 cm) is ideal for CR and DR.



KODAK DRYVIEW FILM RENDERS REMARKABLE IMAGE QUALITY

- Print superb image quality with KODAK DRYVIEW Laser Imaging Film, specifically formulated for KODAK DRYVIEW Laser Imagers.
- Use the same film for all DRYVIEW Laser Imagers, simplifying purchasing and inventory control while minimizing the risk of loading incorrect film.
- Render sharp alphanumeric and continuous-tone images with exceptional spatial resolution, contrast, and grayscale.
- Enhance visibility of subtle image detail with low noise and uniform density.
- Produce lasting images. Archivability of images printed on KODAK DRYVIEW Laser Imaging Film is 100+ years when stored according to ANSI recommendations— far exceeding requirements for most oncology, mammography, and pediatric applications.
- Print mammography images with outstanding quality with the 8900 mammography software upgrade and KODAK DRYVIEW Mammography Laser Imaging Film. This combination enables high maximum density, so that subtle image shading remains crystal clear.

PRINT HIGH-QUALITY MAMMOGRAPHY IMAGES*

- Bring the power and performance of the 8900 to print digital mammography images from approved mammography modalities, including full-field digital mammography (FFDM) systems.
- Deliver superb mammography images with your 8900—ideal for high-volume dedicated mammography printing or mixed-modality environments.
- Enable printed mammography images with up to 3.6 D-max using KODAK DRYVIEW Mammography Laser Imaging Film—while maintaining 650 dpi and up to 200 films per hour throughput.
- Print images on popular 8 x 10 in., 10 x 12 in., and now 11 x 14 in. (20 x 25, 25 x 30, and 28 x 35 cm) film sizes.
- A mammography quality assurance test pattern meets stringent Mammography Quality Standards Act (MQSA) requirements.
- Maintain film-to-film consistency with AIQC built in to all DRYVIEW 8900 Laser Imagers.
- Approved by FFDM modality vendors.

**The KODAK DRYVIEW 8900 Laser Imaging System/Mammography Upgrade can be installed in 8900 imagers currently in use.*

KODAK DRYVIEW 8900 LASER IMAGER

PRODUCT SPECIFICATIONS

DESCRIPTION

KODAK DRYVIEW 8900 Laser Imager

TECHNOLOGY

KODAK DRYVIEW Laser Imaging

DRYVIEW LASER IMAGING QUALITY

- True laser technology
- 650 dots per inch (dpi)
- 16,384 possible levels of gray
- 14-bit pixel depth architecture

THROUGHPUT

- Up to 200 films per hour, each film at a resolution of 650 dpi
- Time to first print: under 70 seconds

DRYVIEW LASER IMAGING FILM

- Common film used by all DRYVIEW Imagers
- Blue or clear base
- Daylight-load film cartridges
- 125 sheets/cartridge
- Lifetime (100+ years) film archivability (oncology, mammography, pediatrics, etc.)

DRYVIEW MAMMOGRAPHY LASER IMAGING FILM

Requires the DRYVIEW 8900 Imager to be equipped with the mammography software upgrade.

- Printed film images with up to 3.6 D-max
- Available in 8 x 10 in. (20 x 25 cm), 10 x 12 in. (25 x 30 cm), and 11 x 14 in. (28 x 35 cm) sizes
- Daylight-load film cartridges
- 125 sheets/cartridge
- Lifetime (100+ years) film archivability

CHOICE OF FILM SIZES

Up to three film drawers hold any of the following sizes online:

- 14 x 17 in. (35 x 43 cm)
- 14 x 14 in. (35 x 35 cm)
- 11 x 14 in. (28 x 35 cm)
- 10 x 12 in. (25 x 30 cm)
- 8 x 10 in. (20 x 25 cm)

EQUIPMENT OPTIONS

- Choice of up to three film drawers
- Mammography software upgrade
- 6-bin film sorter—sorts by modality or DICOM attribute

AUTOMATIC IMAGE QUALITY CONTROL (AIQC)

- Meets user contrast and density preferences on films
- Ensures consistency from film to film

NETWORK CONNECTIVITY

- Integrated DICOM print service class provider
- Enables connectivity to a wide variety of DICOM modalities
- Connect non-DICOM modalities using KODAK PACS Link network interface products

DIMENSIONS (includes sorter)

- Height: 60 in. (152.4 cm)
- Width: 32.25 in. (81.9 cm)
- Depth: 34 in. (86.3 cm)

POWER

- Universal power
- 100–240 VAC; 50/60 Hz; maximum 15 amps

OPERATING ENVIRONMENT

- Temperature: 59° to 95°F (15° to 35°C)
- Humidity: 20% to 75% RH, non-condensing
- Magnetic field: <50 Gauss
- Altitude: –100 to 8,000 ft

ENVIRONMENTAL EFFECTS

- Heat dissipation: maximum of 3,000 BTU/hour
- Floor load: weight 986 lb (447 kg), 130 lb/sq ft
- Acoustic noise: 55 dB operational (70 dB transient)

CONTACT US FOR MORE INFORMATION

To learn more about the KODAK DRYVIEW 8900 Laser Imager and the family of KODAK DRYVIEW Laser Imagers, contact your Kodak representative, or visit www.kodak.com/go/DryView.

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HEALTH GROUP
A BETTER VIEW OF LIFE.

