

LEGENDARY IMAGE QUALITY, CARESTREAM INNOVATION

The new CARESTREAM DRYVIEW 5950 Laser Imaging System represents a breakthrough for healthcare providers with high standards for patient care. It offers a perfect integration of high performance and low costs. You get the proven advantages of DRYVIEW technology, true tabletop convenience and enhanced mammography capabilities.



EXCEPTIONAL
LASER
IMAGING

FLEXIBLE, HIGH-RESOLUTION LASER PRINTING FOR MAMMOGRAPHY AND GENERAL RADIOGRAPHY

We designed the new CARESTREAM DRYVIEW 5950 Laser Imager specifically for healthcare providers who refuse to compromise on the quality of care they provide. This new system gives you true DRYVIEW laser imaging quality – the industry’s premier technology – for an exceptionally low total cost of ownership.

This powerful, yet space-saving system offers 508 ppi resolution and easily accommodates film volumes for a variety of healthcare facilities. It’s ideal for a full range of imaging applications, including Computed Radiography (CR), Digital Radiography (DR), Magnetic Resonance Imaging (MRI), Computed Tomography (CT), and Ultrasound. Enhanced mammography features also make the system a perfect fit for demanding CR-Mammography and Full-Field Digital Mammography applications.

Proven DRYVIEW
Laser Imaging



DRYVIEW 5950 Laser Imager

Legendary DRYVIEW image quality

DRYVIEW, a premier imaging brand, consistently delivers exceptional diagnostic image quality. Our innovative dry laser imaging technology uses laser light rather than heat to expose each pixel, which ensures more consistent film quality and greatly minimizes service requirements. Our unique Automatic Image Quality Control (AIQC) technology automatically calibrates film and imager settings to meet specific user preferences. It all adds up to diagnostic confidence, film after film, day after day.

Intuitive user experience

The DRYVIEW 5950 Laser Imager can help keep your operations running smoothly by simplifying the user experience. DRYVIEW Daylight Load Cartridges allow users to load film quickly and easily in normal lighting conditions. Simply insert the cartridge and print. There are no bags or special film trays to consider. These innovative cartridges make it easy to change film sizes or support various modalities. Choose from five film sizes – 14 x 17 in., 14 x 14 in., 11 x 14 in., 10 x 12 in. and 8 x 10 in. An intuitive user interface makes operation easy and minimizes user training requirements. This innovative film loading design makes two sizes available on-demand.

Low total cost of ownership

The proven reliability of DRYVIEW Laser Imagers contributes to productivity and affordability. Specially designed components – such as our unique laser optics system – require minimal maintenance and can enhance system uptime. DRYVIEW technology does not use thermal print heads. No daily or weekly cleaning of thermal print heads or film transport guides is required. Other advanced features also contribute to a low total cost of ownership. For example, a built-in web portal conveniently allows users to view imager status and performance data from any workstation on your network, improving efficiency of department and support staff.





Advantages at a Glance:

- Flexible, high-quality laser imaging
- Intuitive user experience, minimal training
- Low total cost of ownership
- Built-in mammography capabilities
- World-class service and support
- Industry's broadest solutions portfolio

Speed and power in a compact, tabletop system

You can print up to 110 films per hour with exceptional image quality, which makes the DRYVIEW 5950 Laser Imager among the most productive systems in its class. Other built-in features – such as an integrated DICOM interface and connectivity for CARESTREAM Smart Link remote technology solutions – add to the overall power and productivity of the system. Smart Link is available to Carestream customers all over the world and creates a powerful bridge between your DRYVIEW laser imager and Carestream's Customer Success Network. Discover how simple, secure Internet access to expert global support and enhanced services will deliver exciting benefits for both your Medical Imaging and Information Technology departments.

Built-in mammography capabilities

The DRYVIEW 5950 Laser Imager comes ready to print Full Field Digital Mammography (FFDM) and CR-Mammography images. No hardware or software upgrades are needed. Optimized mammography capabilities include user-selectable test patterns, as well as key control charting parameters and values. These capabilities are easily selected at the user interface and may eliminate the need for an external densitometer. Enhanced chest wall edge detection algorithms can simplify positioning and formatting.

World-class service and support

With Carestream's Customer Success Network, you are at the center of an extensive support network that is passionately focused on your success. Through a Single Point Entry you have easy access to a global team of experts who bring you years of innovation, creativity, and proven ability. It's your personal community of service and support that you, your patients, and your staff can depend upon 24 hours a day and 7 days a week.

Industry's broadest solutions portfolio

The DRYVIEW 5950 Laser Imager is part of the industry's most complete diagnostic imaging portfolio. Carestream offers solutions for the entire imaging chain, including Computed Radiography (CR), Digital Radiography (DR), HIS/RIS, PACS, hardcopy digital output and traditional film and screen products. Choosing Carestream as your imaging partner makes it easy and affordable to meet your current needs and build for your future.



Ideal for use with CARESTREAM DIRECTVIEW CR Systems

ABOUT CARESTREAM

We are a company of firsts. The world's first packaged x-ray film, the first medical dry laser imager and the first proven wireless digital radiographic detector are all part of our heritage. For more than 100 years, our global team of health imaging experts has served customers like you, creating innovative solutions that contribute directly to your success. Today, Carestream continues to make history with digital solutions that deliver dramatic improvements in image quality, workflow, productivity and customer value.



DRYVIEW 5950 LASER IMAGER

PRODUCT SPECIFICATIONS

Technology

- Photothermographic (dry laser)

DRYVIEW laser imaging quality

- True laser technology
- 508 laser pixels per inch
- 50 micron laser spot spacing
- 14-bit pixel depth architecture

Throughput

- Time to first print: 100 seconds
- Up to 70 films per hour:
14 x 17 in. (35 x 43 cm)
- Up to 110 films per hour
8 x 10 in. (20 x 25 cm)

Dimensions

- Height: 29.8 in. (75.6 cm)
- Width: 24.6 in. (62.6 cm)
- Depth: 25.5 in. (64.9 cm)
- Weight: 175 lbs. (79 kg)

Operating Environment

- Temperature: 59 to 91°F (15 to 33°C)
- Humidity: 20 to 80% RH, non-condensing
- Magnetic field: < 50 Gauss
- Altitude: -100 to 9,800 ft (-30 to 3,000 m)

DRYVIEW Laser Imaging Film

- Blue or clear 7-mil polyester base
- Daylight-load film packaging (125 sheets)
- Lifetime (100+ years) film archivability for demanding applications (oncology, mammography, pediatrics, etc.)
- Printed film images with standard Dmax
3.1 Dmax – blue base
3.0 Dmax – clear base

DRYVIEW Mammography Laser Imaging Film

- Daylight-load film packaging (125 sheets)
- Lifetime (100+) years film archivability
- Enables higher Dmax images
3.6 Dmax with DVM film
4.0 Dmax with DVM+ film

Choice of film sizes

- The DRYVIEW 5950 Laser Imager supports the following film sizes:
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)

Automatic image quality control (AIQC)

- No manual start-up or film calibration procedures
- Ensures consistency from film to film
- Automatic with no manual user intervention

Power

- 90–130 VAC; 50/60 Hz; maximum 9 amps
- 180–264 VAC; 50/60 Hz; maximum 4.5 amps

Network connectivity

- Integrated DICOM interface supports printing from DICOM modalities
- Built in with no separate DICOM server

Network connection

- 10/100/1000 Base-T Ethernet connection to imager
- Network connection via CAT5 UTP cable terminating in an RJ-45 plug

User languages supported:

- | | | |
|------------------------|--------------|-----------|
| • Chinese (simplified) | • Greek | • Slovak |
| • English | • Italian | • Spanish |
| • French | • Japanese | • Turkish |
| • German | • Polish | • Russian |
| | • Portuguese | |

Carestream Innovation

Carestream is a worldwide provider of medical printing systems, computed radiography and digital radiography systems; x-ray film and digital x-ray systems for non-destructive testing; advanced materials for the precision films and electronics markets; and healthcare IT solutions and dental products.



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