

Carestream



## **DRYVIEW 6850** LASER IMAGER

Superior imaging, easy operation

# CARESTREAM DRYVIEW 6850

## Laser Imager

**Superior quality. High performance. Easy to use.**

The CARESTREAM DRYVIEW 6850 Laser Imaging System delivers exceptional performance and superb image quality for diagnosis, image sharing and film archiving. It prints from a full range of modalities, including computed radiography and full-field digital mammography.

This high-speed laser imager delivers up to 200 films per hour with super-sharp 650 ppi resolution on every size film. Three film drawers accommodate five film sizes for on-demand printing and an optional five-bin sorter enables easy retrieval of films by modality. The printer's compact size simplifies convenient placement.

An intuitive user interface includes a built-in training video and help button for quick answers to operational questions. Available CARESTREAM REMOTE MANAGEMENT SERVICES proactively inform customers of potential service issues.

A product of Carestream Health's leadership in medical printing, the versatile and affordable DRYVIEW 6850 Laser Imager uses proven technology to deliver the high-quality results you need—quickly, easily and reliably.



## Superb image quality

- Images are printed with high-resolution 650 ppi, meeting the spatial resolution needs of digital mammography.
- Automatic Image Quality Control (AIQC) uses a built-in densitometer to maintain film-to-film consistency; configurable to meet users' needs.

## The speed you need

- Time to first print—just 60 seconds.
- Films per hour—up to 200.
- Smaller sizes faster.

## Choice of film sizes

- Print on five film sizes 8 x 10 in. (20 x 25 cm), 10 x 12 in. (25 x 30 cm), 14 x 14 in. (35 x 35 cm), 14 x 17 in. (35 x 43 cm)—including 11 x 14 in. (28 x 35 cm), which is ideal for CR and DR.
- Load any of five film sizes in the imager's three film drawers for on-demand printing.

## Ease of operation

- A multilingual touch-screen user panel features an instructional video to simplify installation, operation and user training.
- Film cartridges load easily in full daylight. Each cartridge holds 125 film sheets to minimize loading frequency.
- An optional five-bin top-mounted sorter provides quick access to desired patient films, by modality.

## Simplified installation

- An installation guide in the user interface provides clear, detailed instructions using video.
- Space-saving, ergonomic design fits easily into most work areas.

## Minimized maintenance

- DRYVIEW technology does not use thermal print heads. No daily or weekly maintenance is required on print heads or film transport rollers.

## Broad printing capability

- Print from CR, DR, CT, MR, US, NM, PACS, digital fluoroscopy, full-field digital mammography (FFDM) and other grayscale film applications.
- One imager can serve multiple modalities requiring quick access to patients' studies.
- Ideal for CR-to-print applications.

## Mammography printing

- Print high-quality images from mammography CR systems or FFDM systems.
- Supported with DRYVIEW Mammography Laser Imaging Film.

## Web monitoring

- CARESTREAM Remote Management Services proactively monitor printer status via the Web, allowing for faster service response time.
- Both Carestream Health technicians and the user are notified if service is needed; ensures high performance and reliable long-term operation.

## Count on Carestream Health

- CARESTREAM DRYVIEW Laser Imagers deliver proven performance and earn consistently high customer satisfaction ratings.
- DRYVIEW Laser Imagers offer broad connectivity, exceptional image quality and proven reliability.
- More than 1,700 Carestream Health professionals are dedicated to world-class service and support.



### Description

- CARESTREAM DRYVIEW 6850 Laser Imager

### Technology

- Photothermographic (dry laser)

### DRYVIEW laser imaging quality

- True laser technology
- 650 pixels per inch, 39 micron laser spot spacing
- 14-bit pixel depth architecture

### Throughput

- Time to first print: 60 seconds  
14 x 17 in. (35 x 43 cm)
- Up to 160 films per hour  
14 x 17 in. (35 x 43 cm)
- Smaller sizes faster

### DRYVIEW Laser Imaging Film

- Blue or clear 7-mil polyester base
- Daylight-load film cartridges
- 125 sheets/cartridge
- Lifetime (100+ years) film archivability (oncology, mammography, pediatrics, etc.)
- Printed film images with a standard Dmax of 3.3

### DRYVIEW Mammography Laser Imaging Film

- Daylight-load film cartridges
- 125 sheets/cartridge
- Lifetime (100+ years) film archivability
- Enables higher Dmax images
  - $\geq 3.6$  Dmax with DVM film
  - $\geq 4.0$  Dmax with DVM+ film
- 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

### Choice of film sizes

Each of three film drawers holds 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)

### Optional film sorter

- 5-bin sorter holds up to 50 film sheets in each bin

### Automatic Image Quality Control (AIQC)

- Configurable to meet user needs
- Ensures consistency from film to film

### Network connectivity

- Integrated interface supports printing from DICOM print modalities
- Connect non-DICOM modalities using PACS Link Medical Image Managers

### Network connection

- 10/100/1000 (supports jumbo frame) BaseT Ethernet connection to imager
- Network connection via CAT5 UTP cable terminating in an RJ-45 plug

### DICOM SOP Classes supported\*

- Basic Grayscale Print Management Meta SOP Class
- Color Print Management Meta SOP Class
- Presentation LUT SOP Class
- Basic Annotation Box SOP Class
- Verification SOP Class

### Dimensions/weight

- Height: 45.1 in. (114.6 cm)/58.6 in. (148.8 cm) with sorter
- Width: 29 in. (73.7 cm)
- Depth: 25 in. (63.5 cm)
- Weight: 587 lb (267 kg)/632 lb (287 kg) with sorter

### 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 85% RH, non-condensing
- Magnetic field: < 50 Gauss
- Altitude: –100 to 10,000 ft

### Environmental effects

- Heat dissipation: maximum of 4,800 BTU/hour
- Floor load: weight 560 lb (255 kg), 120 lb/sq ft

### User interface

Touch-screen display panel used for:

- Installation and additional modality connections
- Image quality optimization
- User training and operational instructions
- Troubleshooting and corrective action
- Languages supported: Simplified Chinese, English, Japanese, Korean, French, German, Italian, Spanish, Portuguese, Turkish, Russian, Polish