



**Kodak** DryView  
5800 Laser Imager

**Now...** High Quality Printing -  
on a Tabletop!

# Kodak DryView 5800 Laser Imager

## Laser-Quality Printing—on a tabletop

The KODAK DRYVIEW 5800 Laser Imager continues the remarkable value and image quality legacy of DRYVIEW Laser Imaging Systems. This affordable tabletop unit prints laser-sharp images with the same technology used in high-volume, high-performance DRYVIEW Laser Imagers.

Delivering up to 75 films per hour, the 5800 Laser Imager is the quality and value choice laser imager for:

- ▶ Departments, imaging centers, and small clinics with limited space availability or unit placement constraints.
- ▶ Distributed applications, such as hardcopy printing from PACS workstations.
- ▶ Smaller department or dedicated modality printing for CT, MR, NM and US.
- ▶ Computed Radiography (CR) and Digital Radiography (DR).
- ▶ Mobile, specialty and emerging applications.

Two film drawers accommodate five film sizes for on-demand printing. A Web service portal enables users to remotely access status and performance information from a networked unit. Available CARESTREAM Remote Management Services provide remote diagnostics and potential issue resolution without a service site visit.

A product of Carestream Health's leadership in medical printing, the DRYVIEW 5800 Laser Imager provides flexible, reliable, high-quality printing in an affordable tabletop package.



## Laser image quality

- ▶ Every image on every film size is printed using true laser technology.
- ▶ Automatic Image Quality Control (AIQC) uses a built-in densitometer to automatically maintain film-to-film consistency, and is configurable to meet users' needs.

## Timely throughput

- ▶ Time to first print—85 seconds.
- ▶ Up to 75 films per hour: 14 x 17 in. (35 x 43 cm). 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)—and 11 x 14 in. (28 x 35 cm), which is ideal for CR and DR multi-format imaging.
- ▶ Load two film sizes in the imager for on-demand printing.

## CR-to-print capability

- ▶ Space-saving design, affordability, and image quality make the 5800 Laser Imager ideal for a variety of CR-to-print applications.
- ▶ The perfect complement for compact, affordable KODAK Point-of-Care CR systems.
- ▶ Accommodates 11 x 14 in. (28 x 35 cm) film—just right for cost-effective CR image printing.

## Ease of operation

- ▶ An intuitive user panel simplifies use.
- ▶ Simply change film sizes by inserting the desired film tray.
- ▶ Load film in full room light.

## Minimized maintenance

- ▶ No daily or weekly maintenance is required on printing heads or cleaning rollers. DRYVIEW technology does not use thermal print heads.

## Broad printing capability

- ▶ Print from CR, DR, CT, MR, US, NM, PACS, Digital Fluoroscopy, and other grayscale film applications.

## Remote data access

- ▶ Web service portal enables remote access to system administrative data.
- ▶ Data from a networked 5800 Laser Imager can be viewed at any network computer running INTERNET EXPLORER.
- ▶ Remote access reduces need for onsite visits, improving efficiency of department and support staff.

## CARESTREAM Remote Management Services

- ▶ CARESTREAM Remote Management Services are available for real-time response and analysis to service issues.
- ▶ Allows for automatic distribution of software updates to maintain high performance and long-term reliable operation.

## Count on Carestream Health

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





## Product specifications

### Description

- ▶ KODAK DRYVIEW 5800 Laser Imager

### Technology

- ▶ Photothermographic (dry laser)

### DRYVIEW laser imaging quality

- ▶ True laser technology
- ▶ 325 laser pixels per inch, 78.5 micron laser spot spacing
- ▶ 14-bit pixel depth architecture

### Throughput

- ▶ Up to 75 films per hour; smaller sizes faster
- ▶ Time to first print: 85 seconds

### KODAK DRYVIEW Laser Imaging Film

- ▶ Blue or clear 7-mil polyester base
- ▶ Daylight-load film packaging (100 sheets)
- ▶ Lifetime (100+ years) film archivability addresses demanding requirements (oncology, pediatrics, etc.)
- ▶ Printed film images with a standard D-max of 3.1

### Choice of film sizes

The DRYVIEW 5800 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 quality assurance procedures
- ▶ Configurable to meet user needs
- ▶ Ensures consistency from film to film

### Network connectivity

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

### Network connection

- ▶ 10/100/1000 BaseT Ethernet connection to imager (supports jumbo frame)
- ▶ 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: 23.7 in. (60 cm)
- ▶ Width: 24 in. (61 cm)
- ▶ Depth: 23 in. (58 cm)
- ▶ Weight: 155 lb (70 kg)

### Power

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

### Operating environment

- ▶ Temperature: 59 to 95°F (15 to 33°C)
- ▶ Humidity: 20 to 80% RH, non-condensing
- ▶ Magnetic field: < 50 Gauss
- ▶ Altitude: -100 to 8,000 ft

### Environmental effects

- ▶ Typical heat load (office environment)
- ▶ 700 BTU/hour (equivalent to two 100W light bulbs)

### User interface

- ▶ Simple intuitive user panel
- ▶ User documentation and Web portal
- ▶ Languages supported: Chinese (Simplified), English, Japanese, Korean, French, German, Italian, Spanish, Portuguese, Turkish, Russian, Polish, Greek

**Kodak**  
Licensed Product

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### More information

To learn more about KODAK DRYVIEW Laser Imagers and Carestream Health's broad digital portfolio, contact your Carestream Health representative, or visit [www.carestreamhealth.com](http://www.carestreamhealth.com)

\*DICOM conformance statement available at: [www.carestreamhealth.com](http://www.carestreamhealth.com)

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