



Kodak DryView
5800 Laser Imager

Now... High-Quality Laser 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 true-laser technology used in our current portfolio of DRYVIEW Laser Imagers.

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

- ▶ Imaging centers, departments, and small clinics with limited space availability or unit placement constraints.
- ▶ Distributed applications, such as hardcopy printing from PACS workstations.
- ▶ Dedicated modality printing for CT, MR, NM and US.
- ▶ Computed Radiography (CR) and Digital Radiography (DR).
- ▶ Specialty and emerging applications.

Two film trays accommodate five film sizes for on-demand printing. No daily or weekly maintenance is required. Available CARESTREAM Remote Management Services can improve productivity by providing 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—80 seconds: 14 x 17 in. (35 x 43 cm).
- ▶ 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 DIRECTVIEW and Point-of-Care CR systems.
- ▶ Accommodates 11 x 14 in. (28 x 35 cm) film—just right for cost-effective CR multi-format printing.

Ease of operation

- ▶ A simplified user panel.
- ▶ Simply change film sizes by inserting the desired film tray.
- ▶ Load film in full room light.
- ▶ Two film sizes on-line.

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, and other grayscale film applications.

Remote data access

- ▶ A Web Portal enables users to remotely access status and performance information.
- ▶ Data from a networked 5800 Laser Imager can be viewed at any network computer running MICROSOFT INTERNET EXPLORER.
- ▶ Remote access reduces need for user 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

- ▶ 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

- ▶ Time to first print: 80 seconds:
14 x 17 in. (35 x 43 cm.)
- ▶ Up to 75 films per hour:
14 x 17 in. (35 x 43 cm.)
- ▶ Smaller sizes faster

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: 24 in. (62 cm)
- ▶ Width: 24 in. (62 cm)
- ▶ Depth: 26 in. (66 cm)
- ▶ Weight: 155 lb (70 kg)

Power

- ▶ Universal power
- ▶ 100-240 VAC; 50/60 Hz; maximum 9 amps

Operating environment

- ▶ Temperature: 59 to 95°F (15 to 35°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)
- ▶ 883 BTU/hour

User interface

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

Kodak

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More information

For more information about DRYVIEW Laser Imagers and Carestream Health's broad digital portfolio, contact your Carestream Health representative, or call 1-877-865-6325, ext 547.

➔ www.carestreamhealth.com

*DICOM conformance statement available at:
<http://www.carestreamhealth.com/en/global/en/health/ServiceAndSupport/dicom,jhtml-pq-path=10057-10065-6018.htm>

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HEALTH

The Innovation Powering **Kodak** Health Products