



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.



Kodak
Point-of-Care
CR 140 System

Size, cost, and quality make the DRYVIEW 5800 Laser Imager ideal for CR-to-Print applications.



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 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)
- ▶ 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

Licensed Product

Carestream Health, Inc.
150 Verona Street
Rochester, NY 14608

Carestream and DryView are trademarks of Carestream Health, Inc.
The Kodak trademark and trade dress are used under license from Kodak.
All other trademarks are the property of their respective holders.
M2-300 Printed in USA 2/08 © Carestream Health, Inc. 2008 CAT No 187 3595

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>

Carestream 
HEALTH

The Innovation Powering **Kodak** Health Products