

KODAK DRYVIEW™ 8100 Laser Imager

Outstanding low- to mid-volume performance in a value-priced solution

The Kodak DryView™ 8100 laser imager is the right choice for health imaging facilities that need diagnostic-quality images but do not require high-volume output. This value-priced low- to mid-volume imager delivers all the benefits of DryView technology—including diagnostic image quality, film-to-film consistency, and steadfast reliability—without the cost of unneeded extra capacity. The Kodak DryView 8100 is ideal for CT, MRI, DSA, and other 14 x 17-in. applications.

The right combination of speed and image quality

- Up to 55 films per hour for reliable low- to mid-volume productivity
- 78-micron laser spot spacing, 325-dpi resolution
- Continuous-tone images with up to 4,096 gray levels
- Consistent resolution from application to application

Proven DryView reliability

- Largest installed base of dry laser imagers—more than 15,000 DryView systems placed worldwide
- Six years of ongoing clinical success
- Estimated 25,000 radiologists worldwide rely on DryView systems every day
- More than 350 million films produced to date

PACS Link connectivity

- PACS Link interface allows your facility to establish basic network printing *and* take an affordable first step toward PACS
- Converts image data from legacy modalities to DICOM, and receives DICOM image data over a network
- Sends image data over a network for softcopy viewing and archiving



**Low- to Mid-Volume
14 x 17-in. Imaging**

Patented Automatic Image Quality Control

- Automatically calibrates the DryView 8100 to maximize image quality
- Zero operator intervention enhances productivity
- Adjusts contrast and density to meet preset user preferences
- DryView film is system-matched for AIQC—so imagers recognize film type, size, lot, and number of sheets remaining

High-quality, system-matched film

- Premium, silver-based film designed exclusively for Kodak DryView laser imagers
- Laboratory tested to deliver 100+ years of archivability
- Clear alphanumerics, optimum contrast, crisp edge sharpness
- Easy-to-load, recyclable film cartridge
- 125-sheet, daylight-load cartridges
- Available in blue or clear, 7-mil polyester base

HEALTH IMAGING
A BETTER VIEW OF LIFE.



KODAK DRYVIEW™ 8100 Laser Imager

SPECIFICATIONS

Description

Kodak DryView 8100 laser imager

Technology

Kodak DryView laser imaging

DRYVIEW Image Quality

True dry laser technology
78-micron laser spot spacing
325-dpi laser resolution
4,096 laser gray level reproduction

DRYVIEW Laser Imaging Film

Lifetime film archivability
(100+ years)
14 x 17 in. (35 x 43 cm)
Blue or clear base
Instant daylight-load film
cartridges
125 sheets/cartridge

KODAK Automatic Image Quality Control (AIQC)

Verifies printed density of each film
Fully automatic—no user
interaction or manual procedures

Throughput

Up to 55 films per hour

PACS Link configuration

DICOM print service
class provider
Enables connectivity to a wide
variety of DICOM modalities
Converts image data from legacy
modalities to DICOM

Modality connections

Direct connect
Network connect

Dimensions

Height: 46 in. (116.8 cm)
Width: 25 in. (63.5 cm)
Depth: 26 in. (66 cm)
Weight: 440 lb (200 kg)

Electrical requirements

Universal: 100–240 VAC \pm 10%;
50/60 Hz \pm 3 Hz
U.S.: 120 VAC \pm 10%;
60 Hz \pm 3 Hz
Europe: 230 VAC \pm 10%;
50 Hz \pm 3 Hz
Japan: 100 VAC \pm 10%;
50/60 Hz \pm 3 Hz

Power consumption

320 VA (typical)

Keypads

DryView 8100 keypad
Digital host controls

Operating environment

Temperature: 59° to 95° F
(15° to 35° C)
Humidity: 15% to 85% RH
Magnetic field: 50 Gs (max.)

Environmental effects

Heat load: 1100 BTU/hr (typical)
Floor load: 100 lb/ft² (489 kg/m²)
Acoustic noise: 55 dB normal
operation (70 dB transient)

Solutions for the way you work

Kodak's Health Imaging Division is committed to collaborating with you to find the right solutions to meet your radiological imaging and information needs now and in the future. Be sure to ask your Kodak representative for details on the compatibility of DryView laser imaging solutions with other products such as Kodak's Imaging Network Services, Kodak DirectView CR and DR systems, and PACS.



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