# KODAK DRYVIEW™ **8500** Laser Imager

# Exceptional performance and productivity

When radiologists need high-volume, diagnostic-quality images for 11 x 14-in. applications, they choose the Kodak DryView<sup>TM</sup> 8500 laser imager. It delivers all the advantages of the Kodak DryView 8700—the most popular dry laser imager in the world—in an 11 x 14-in. format. Like the DryView 8700, the DryView 8500 regularly receives nearperfect customer satisfaction ratings. And like all DryView systems, it is a true dry *laser* imager. The laser diode never touches the film and never wears out—so you can expect steadfast reliability. The DryView 8500 suits CR and other 11 x 14-in. applications, as well as radiology departments that require reduced film size.

# **Outstanding speed and image quality**

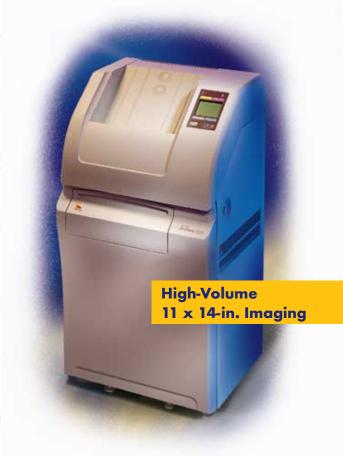
- Up to 120 films per hour for maximum productivity
- 78-micron laser spot spacing with 325-dpi resolution for sharp, diagnostic-quality images
- Continuous-tone images with up to 4,096 gray levels
- Consistent resolution from application to application
- All standard formats, including 1:1, 2:1, 4:1, 6:1, 9:1, 12:1, 15:1, 16:1, and 20:1

#### **Proven DryView reliability**

- Largest installed base of dry laser imagers—more than 15,000 systems placed worldwide
- Six years of 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



# **Patented Automatic Image Quality Control**

- Automatically calibrates the DryView 8500 to optimize image quality
- Requires no operator intervention, enhancing productivity
- Ensures contrast and density 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

- High-quality, 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.



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# **SPECIFICATIONS**

#### **Description**

Kodak DryView 8500 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)

11 x 14 in. (28 x 35 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

necessary

#### **Throughput**

Up to 120 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: 52 in. (132 cm) Width: 25 in. (63.5 cm) Depth: 32 in. (81 cm) Weight: 550 lb (250 kg)

#### **Electrical requirements**

Voltage: 200/220/240 Hz ± 10% Frequency: 50/60 Hz ± 3 Hz

### Power consumption

700 VA (typical)

#### **Keypads**

DryView keypad: 60 meters via copper connection Optional footswitch

#### **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: 2300 BTU/hr (typical) Floor load: 125 lb/ft² (611 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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