

KODAK DRYVIEW™ Laser Imaging Film

Specialized film for DryView laser imaging

Kodak DryView laser imaging film is high-resolution, infrared-sensitive, photothermographic film specifically formulated for Kodak DryView laser imagers. This innovative film delivers diagnostic-quality images, but requires no wet chemistry, no wet film processors, and no darkroom procedures. There is no need for costly plumbing, wet chemistry disposal, or modifications to your facility. This film is packaged in instant daylight-load cartridges and packages, and is available in 14 x 17-in. (35 x 43 cm), 14 x 14-in. (35 x 35 cm), 11 x 14-in. (28 x 35 cm), and 8 x 10-in. (20 x 25 cm) sizes. All sizes are available in blue or clear, 7-mil polyester base.

High-quality, system-matched film

- High-quality, silver-based film designed exclusively for Kodak DryView laser imagers
- Infrared-sensitive film is sensitized to the infrared laser diode used in DryView laser imagers
- No safelights necessary—when handled according to the instructions on film packaging

Specialized mammography film

Kodak DryView mammography laser imaging film is optimized for mammography applications and is the only dry laser film available for digital mammography. It has high maximum density, so subtle image shading remains crystal clear with lifetime archivability. You can also get true-size film imaging.

Diagnostic image quality

- Provides diagnostic-quality, continuous-tone images
- Sharp alphanumeric and optimum contrast
- Exceptional spatial resolution, contrast, and grayscale levels
- Totally dry imaging process eliminates the risk of image quality variability due to wet chemistry

**excludes 8 x 10-in. film*



Patented Automatic Image Quality Control

- Automatically calibrates DryView systems to optimize 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*

Lifetime archivability

- Tests under American National Standards Institute (ANSI) methods indicate DryView film is archivable for 100+ years
- Must be stored at ANSI-recommended temperatures (maximum 77°F/25°C)
- Developed films may be stored at higher temperatures, but this may affect storage life

HEALTH IMAGING
A BETTER VIEW OF LIFE.



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Storage and handling of undeveloped film

Like other laser imaging films, DryView film must be stored in a cool, dry place (41°F/5°C to 77°F/25°C) and protected from radiation and chemistry fumes in order to achieve consistent results up to the expiration date indicated on the film package. Although the film will tolerate short-term temperature spikes during transit (up to 90°F/32.2°C for one or two days) without any significant impact on film quality or performance, temperatures above 95°F/35°C will gradually diminish shelf life.

Handling of developed film

Just like other photographic films or data-storage materials, DryView film requires reasonable care during handling. Unlike wet-processed films, DryView film is not significantly affected by spills, humidity, and other moisture. If needed, films can be wiped with a clean, damp cloth. Prolonged exposure to intense light or excessive heat (130°F/54.4°C for more than eight hours) may cause some gradual darkening of images. Leaving films in vehicles for extended periods of time is not recommended.

Under recommended use and storage conditions, testing under ANSI test method IT9.24 indicates DryView film will maintain lifetime diagnostic quality more than 100 years. For best results, store film in appropriate sleeves. DryView film can be left on a lightbox for more than 24 hours. In extreme cases, with lightboxes that are exceptionally hot (120°F/49°C), we recommend removing films prior to eight hours of continuous exposure.

Care should be taken when using spotlight viewing for more than 30 seconds, because temperatures near the light source may exceed 180°F/82.2°C. Use in slide projectors or overhead projectors is not recommended due to the high temperatures generally found in these devices.

With DryView technology, a very small amount of final development occurs when the film exits the imager and is initially exposed to ambient or viewbox lighting. This is virtually undetectable and has no effect on image quality (typically 0.02 change in density). This small density increase is uniform and permanent upon full exposure of the film under normal handling conditions (roomlight or viewbox).

Odor dissipation

DryView technology eliminates most unpleasant odors associated with film processing. While some low-level odors are produced during development, they pose no known health risks. Processing odor levels are further reduced by a nonhazardous, recyclable filter in DryView laser imagers. This filter traps most low-level odors and prevents them from dissipating into the work environment. To help maintain optimum performance, the filter requires periodic replacement as specified in your DryView laser imager operation manual. DryView systems require no special venting.

Heat dissipation

DryView laser imagers use a controlled amount of heat to develop DryView films. The heat has virtually no effect on the air temperature of a work area. In fact, the heat dissipated is less than the heat generated by four 100-watt light bulbs.

Film and cartridge recycling

According to the Environmental Protection Agency (EPA) standards, DryView film is not hazardous. Unlike wet films, these films require no special waste-disposal procedures. DryView film contains silver and polyester that may be recovered by using one of several recycling procedures.

Additionally, the DryView cartridges are recyclable through Kodak (in some regions). Kodak will provide shipping labels for the return of the used DryView cartridges.

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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