

Processing KODAK EKTACHROME Professional Infrared EIR Film



KODAK EKTACHROME Professional Infrared EIR Film is Kodak's first infrared-sensitive color transparency film compatible with Process E-6 chemicals. It provides scientists and technologists with the option of processing their film locally or remaining with specialty labs. It also permits advanced amateur and commercial photographers to experiment more readily with a "false-color" film for special effects.

INFRARED SENSITIVITY

Due to its infrared sensitivity, exposure to any infrared sources will fog this film. Labs must take special care to handle EIR film properly. To avoid fogging this film:

- Open the film can *only in total darkness*.
- Turn off all infrared sources, e.g., sensors, cameras, goggles, etc., in the darkroom and processing area.

STORAGE

For best keeping, store unexposed film at 0°F (-18°C) or lower in the original sealed container. However, it is possible to store unexposed films up to a month at temperatures not exceeding 55°F (13°C).

Keep exposed film cool and dry. Process the film as soon as possible after exposure to avoid latent-image changes. If you must hold exposed, unprocessed film for several days, reseal it and refrigerate it at 40°F (4°C) or lower.

EXPOSURE AND PROCESSING

EKTACHROME Professional Infrared EIR Film can be processed in either Process AR-5 or Process E-6 chemicals, depending on the results required:

- For infrared accuracy, use KODAK EA-5 Chemicals and Process AR-5. An exposure index of 100 is a good starting point for daylight exposures with a KODAK WRATTEN Gelatin Filter No. 12.
- Process E-6 produces images with higher color saturation and contrast. The effective speed of film processed in Process E-6 chemicals is EI 200. EIR film can be pushed one stop for an exposure index of approximately 320. We do not recommend pushing the film beyond one stop.

Note: Be sure to turn off all sources of infrared radiation that may be associated with your processing equipment (sensors, goggles, cameras, etc) to avoid fogging this film.

SLIDE MOUNTING

Due to its thin 4-mil KODAK ESTAR Base, film used in critical applications may require special handling to avoid the possibility of crinkling during the cutting operation. Labs with minimal experience in handling EIR film may want to consider hand-mounting the processed slides.

AVAILABILITY

Film Size	Code	Base	CAT No.
135-36	EIR	4-mil ESTAR	144 8406

Kodak Professional