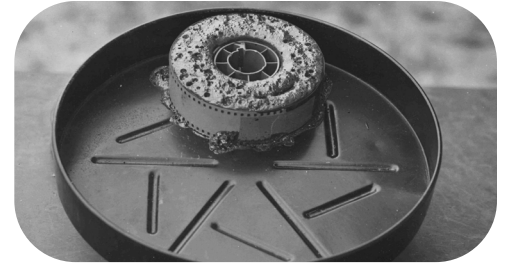


NITRATE FILM SCANNING SERVICES

A FULL-CYCLE APPROACH TO NITRATE FILM DIGITIZATION

Crowley Digitization Services offers a comprehensive end-to-end solution for nitrate sheet film, photographic film, and microfilm collections. This full-cycle service ensures safe handling while producing high quality digital surrogates for long-term preservation and access.



Media Preparation

- Storage in sub-zero freezers to slow chemical deterioration
- Controlled acclimation to room temperature prior to digitization to prevent condensation and material stress
- Maintenance of film condition before, during, and after capture
- Returned to secure cold storage following digitization, while files undergo quality control and client review

Media Formats

- 16 mm and 35 mm film strips
- 4 x 5 inch sheet film
- 16 mm and 35 mm microfilm reels

Capture and Output Options

Resolution

- 2000 dpi for 16 mm and 35 mm film strips
- Up to 1500 dpi for 4 x 5 inch sheet film
- 400-600 dpi for microfilm reels

Output Formats

- Bitonal output: TIFF (G3/G4), PDF (single or multi-page), PDF/A
- Grayscale output: Uncompressed TIFF or JPEG (true 256 shades of gray), JPEG 2000, PDF (single or multi-page), PDF/A
- Additional file formats available upon request

Nitrate Film Disposal (Optional Service)

- Managed disposal process following client approval and strict safety protocols
- Materials are stabilized, transferred to a secure containment, and transported to a certified destruction partner
- Final destruction via incineration at an ISO-certified facility for safe, compliant handling

Additional Output and Service Options

- Optical Character Recognition (OCR) for full text searches
- Metadata creation and manual indexing
- XML and PRISM conversions
- FTP or external drive delivery for customer post-processing
- Document management solutions
- Inventory assessment
- Image quality consultations

Guideline-Compliant Capture

These high-resolution capture settings preserve fine image details while producing preservation-grade files that meet or exceed Library of Congress and NARA standards supporting research, restoration and long-term archival storage.