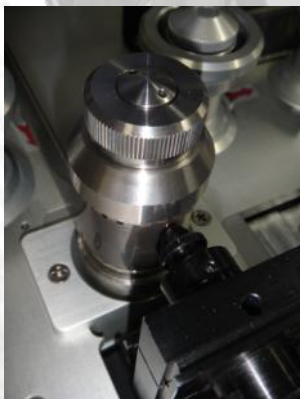# All In One Solutions for Film Archives

Film Inspection Table Offers Special Features for Archival Applications:

- Horizontal equipment layout for an easy and comfortable use together with all necessary tools for a direct and immediate intervention on the film in case of repairing / restoration.
- Smooth, gentle and precise transport is digitally driven, not pin registered for a perfect passage and steadiness even with very old, damaged, brittle and shrunken film.
- Variable size rollers for an easy switch between the various usable film formats (35 and 16mm and optionally the 8mm, S8, 9.5Pathe' and the 17.5mm).
- Adaptability to different levels of ageing film (shrinkage and fragility) thanks to an adjustable sprocket system and a customisable tension control that lets you pass through virtually any kind of film disregarding its condition.
- Large color touch screen gives instant access to all necessary information on the system status and film position.
- White LED stroboscopic system gives an sharp and crisp image, keeps the light color stable over its long life.
- A white LED backlight source over the surface gives instant and practical lighting of the film when manual access/operation is required.
- New rolling analog sound reader head keep flat all curly and shrunken films (for 35mm and 16mm).
- Quiet operation (approx. 65db).

D-Observer Family of Products

with Inspection Aimed Capabilities:

- Wide choice of equipment available to meet your application requirements and budgets.
- Full screen vision for perfect and clear visual access to the film colour and any physical defects of the media (IR vision is available as an option).
- Complete access to all required color settings for simple, quick adaptation to any required film color space.
- Available analog video signal output for recording video flow and sound as well (optional Cat. Cine6-5).
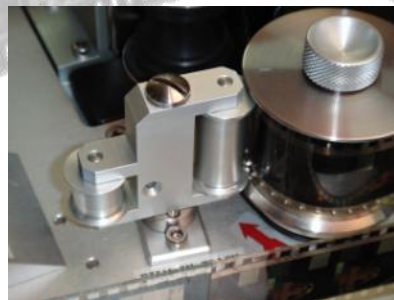
THE LATEST ARCHIVAL FILM SCANNERS

The Bridge Connecting Analog and Digital for Film Restoration

D-Archiver Cine 10-B "The New Frontier"with Realtime 2K Scanning
D-Archiver Cine 10-C 5K Scanning
D-Archiver Cine 10-C+ Realtime 5K Scanning

- Scanning features permit having a digital record of the film passed through the device as AVI, DPX 10log, TIFF8b, TIFF16b, Jpeg, Jpeg2000 and a WAV 48kHz as audio.

- Complete and full control of image parameters for a perfect adaptation to the film color space.

- White LED light source with a special light diffuser to effectively mask the physical film defects which would otherwise be annoying when scanning.

- REAL TIME Scanning feature: ability to record at 25 frames per second up to 4k quality (REAL and not interpolated quality) images together the analogue audio track.

- Two different recording open choice workflow:
  - Direct Recording so to get files immediately available into the HDD arrays at the end of the film.
  - 2 Passages Recording so to get a RAW file for a wider choice of output formats and/or for keeping a lighter file for storage.

- Possibility to pause the recording procedure so to apply "on the fly" changes to the colour selections (on AVI uncompressed, DPX and RAW only).

- Different files output as AVI (uncompressed 8bit), DPX 10log, AVI (compressed)*, Jpeg*, DV*, TIFF8 or 16bit*, Jpeg2000* and WAV (for audio).

*Not in Direct Recording

Scanner Features	D-Archiver NewFrontier Cine10-B	D-Archiver 5K Cine10-C	D-Archiver 5K Cine10-C+
SENSOR AREA	KODAK KAI 2336*1752	5088*3840	5088*3840
Scanning maximum rate	up to 25fps @ 2336*1752 12bit	up to 12fps @ 5k / up to 25fps @ 2k	up to 12fps @ 5k / up to 25fps @ 4k
Workflow passages	One: Dpx, Avi Uncompressed or Raw saving. Two: 1 for RAW + 1 for DeBayering process to output single or multiple file formats	One: Dpx, Avi Uncompressed or Raw saving. Two: 1 for RAW + 1 for DeBayering process to output single or multiple file formats	One: Dpx, Avi Uncompressed or Raw saving. Two: 1 for RAW + 1 for DeBayering process to output single or multiple file formats
Pause feature during the recording	YES: only when recording as RAW or Dpx	YES: only when recording as RAW or Dpx	YES: only when recording as RAW or Dpx
Colour editing after recording	YES (on RAW)	YES (on RAW)	YES (on RAW)
Output format	Direct flow: RAW, Dpx, AVI Uncompressed 2 Passages Flow (Debayering): Dpx, Avi (Compressed and Uncompressed), Jpeg, Jpeg2000, TIFF.	Direct flow: RAW, Dpx, AVI Uncompressed 2 Passages Flow (Debayering): Dpx, Avi (Compressed and Uncompressed), Jpeg, Jpeg2000, TIFF.	Direct flow: RAW, Dpx, AVI Uncompressed 2 Passages Flow (Debayering): Dpx, Avi (Compressed and Uncompressed), Jpeg, Jpeg2000, TIFF.
Particle Transfer Rolls	YES	YES	YES

Film Format:
16mm and 35mm + 8mm, Super8, 9,5 Pathè, 17,5mm with optional additional gates.
Positive BW, Negative BW, Positive color, Negative color
Sound Format: ComOpt and optionally ComMag

Illumination: Ultrabright white LED Array
Dimensions LxWxH: 160x100x110cm (63x40x43in).
Weight: approx. 200 Kgs. (440Lbs).
Power consumption: Max 4Amp.
Mains: 220/110VAC 50/60Hz. Noise: approx. 65db.

DArchiver WEB PAGE