

DIGITAL VIEWING TABLE + SCANNER
SCANTABLE PERFECTA

■ ALL IN ONE ■



DEBRIE - Non-contractual information, pictures. Please contact us for updated information
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HIGHLIGHTS

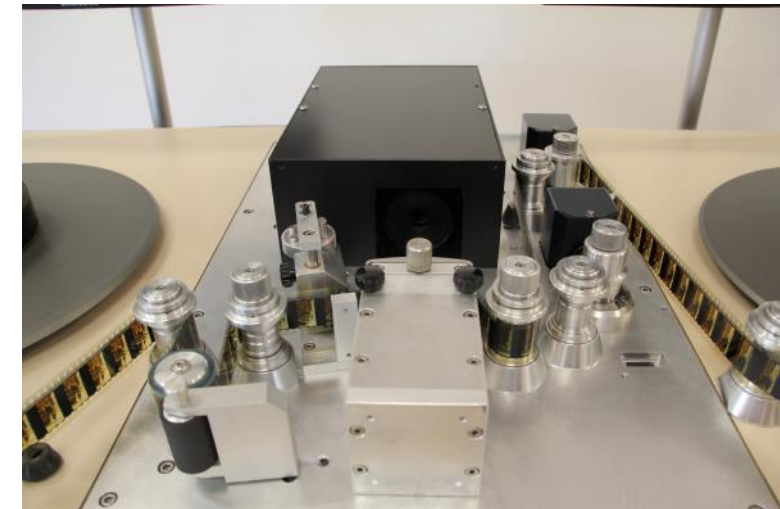
- ✓ Horizontal positioning proper to a traditional viewing editing table
- ✓ Multi format: from 8 to 35mm
- ✓ 5,1K / 4K / 2K / HD
- ✓ Enhanced ergonomics for film viewing, inspection, physical restoration and editing
- ✓ Picture stabilization through the perforation analysis
- ✓ Sprocketless capstan drive system with 2D optical pin registration
- ✓ Simplified film loading thanks to a very limited number of rollers
- ✓ Equipped with a multi-unit counter: images / meters / time.

DESIGNED FOR FILM ARCHIVES

PERFECTA is adapted to handle positive and negative nitrate films as well as negative, positive and intermediate safety films.

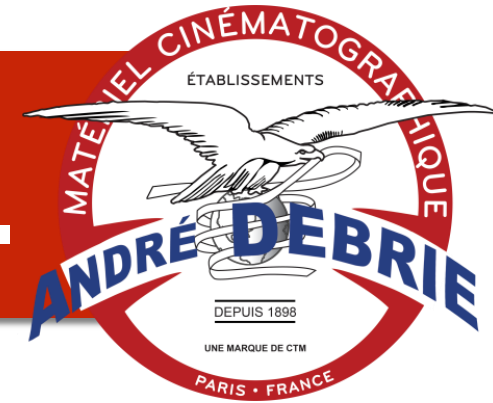
PERFECTA is also able to handle warped and damaged film with missing perforations.

PERFECTA is equipped with a 5,1K scanning system that allows full-width film scanning. Archivists can easily obtain the resulting files encoded in free formats.



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SOUND

- ☐ Reading of optical sound COMMOPT
- ☐ Reading of magnetic sound COMMAG
- ☐ Sound amplifier with 2 speakers
- ☐ Synchronization with a bi-phase signal

IMAGE

- ☐ Negative, internegative, interpositive, positive, color and B & W
- ☐ Available formats: 35/S35 - 16/S16 - 8/S8
- ☐ Option: formats 28 - 17,5 - 9,5
- ☐ 4.3, 16.9 and other ratios

FILM TRANSPORT

- ☐ Two plates with a capacity of 600 m, bi-directional in 16 mm and 35 mm
- ☐ Continuous motion servo film drive for constant film tension
- ☐ Adjustable film tension
- ☐ Shrunk film handling up to 5.5%
- ☐ 25 f/sec synchronous speed
- ☐ Manual variable speed control from 0 to 100 fpc/sec, forward - reverse

IMAGE GATE

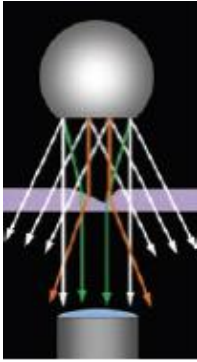


It consists of a chrome-plated polished curved track and a projection window. The curve of the track reduces film deformations and is associated with the depth of field in order to achieve a sharp image. The window allows seeing the perforations on each side. The operator can use image resizing, including the soundtrack and perforations.



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LED LIGHT SOURCE

- ☐ Ultra stable, high intensity, low heat RGB LEDs
- ☐ Highly diffuse light source for dirt and scratch reduction

OPTICAL SYSTEM

- ☐ Optical zoom allows image adaptation on the camera sensor
- ☐ Magnification, centering and focusing commands
- ☐ High MTF resolution lens

PICTURE STABILIZATION ANALYSIS (PSA)

Associated with the laser detection, DEBRIE has developed picture stabilization through perforation analysis. The sensor captures the whole frame, including the perforations. Then, an algorithm adjusts the position of each frame in real time.

SOFTWARE KOLIBRI: 2 IN 1

PERFECTA is associated with the calibration system KOLIBRI. KOLIBRI is driver software as well as a calibration tool. It is installed on the powerful PC workstation providing:

- ☐ Complete control over PERFECTA
- ☐ Correction of primary and secondary colors
- ☐ File output
- ☐ Video & audio outputs

STORAGE

- ☐ Recording on the internal storage of the machine (option).
- ☐ Possibility to remotely record on centralized storage with the use of a fiber channel card.



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TECHNICAL SPECIFICATIONS

CAMERA / SENSOR

- ☐ CCD 5,1 K with ultra low noise, progressive mode with Bayer filter, 12-bits
- ☐ Sensor format: (5.120x3.840 pixels)

OUTPUT FORMATS

- ☐ 4K, 2K, HD, SD and others
- ☐ DPX color / B & W 10/16 bit (ANSI / SMPTE 268M-2003)
- ☐ Uncompressed AVI
- ☐ Low resolution H264
- ☐ WAV / BMF
- ☐ Bi-phase output, Genlock input synchronization and basic protocol RS422
- ☐ Audio output (2 channels)

WORKSTATION

- ☐ Multicore Station, 64 bit, Windows 10
- ☐ SSD system disk
- ☐ 1 HD LCD monitor 24"
- ☐ PCIe card available for Giga Ethernet or fiber channel - external storage in real time
- ☐ Internal storage in RAID0 - 12 TB (option)

OPERATING ENVIRONMENT

- ☐ Temperature from 15 ° C to 30 ° C
- ☐ Non-condensing relative humidity from 15% to 85%
- ☐ Power: 110 / 220V - 50/60 Hz Single phase - 0.8 KVA

