

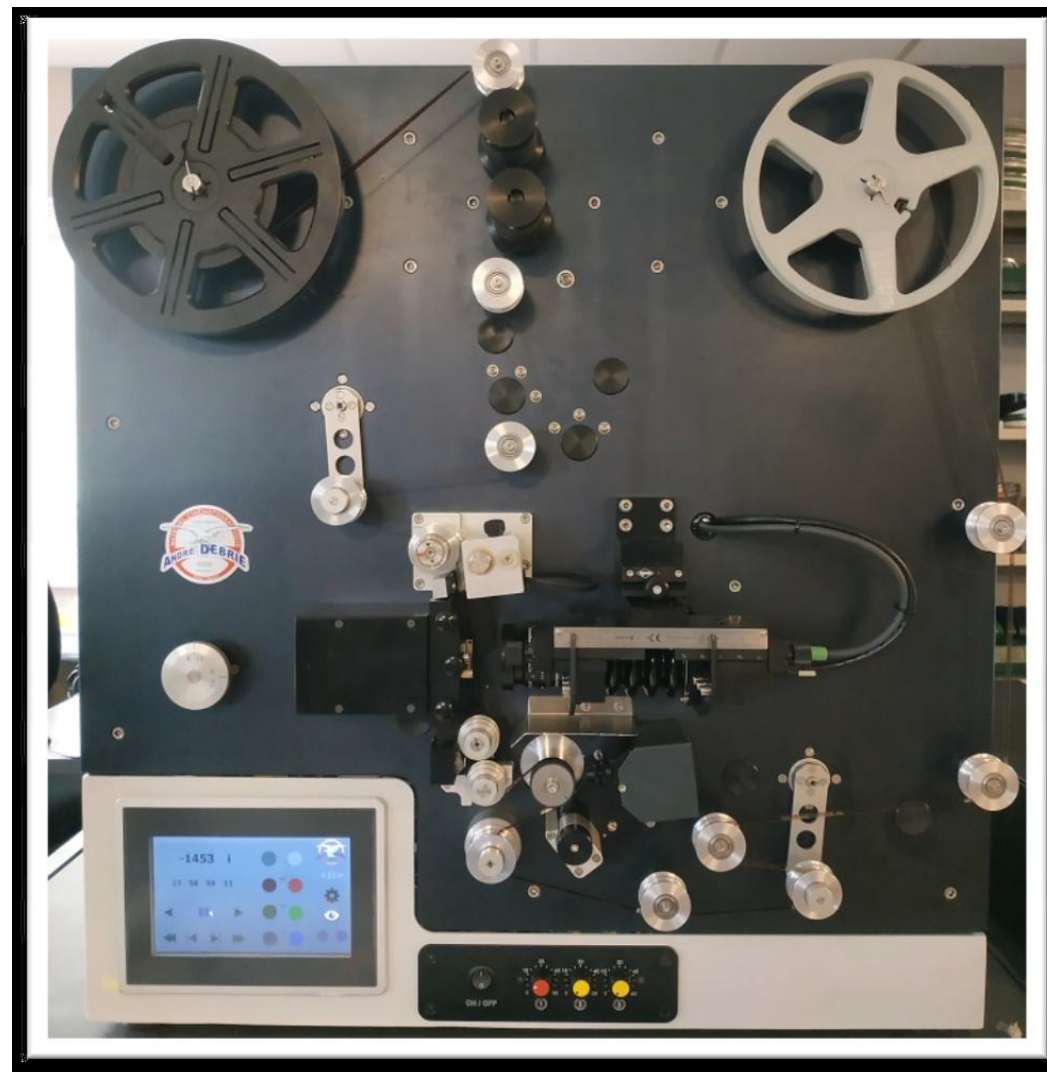
SCANBOX PLUS 4K 16/S16mm

Multiformat film scanner



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Thanks to the proven technology of the predecessor MEMORY telecine, SCANBOX PLUS guarantees incomparable digitization quality and delicate film processing. Equipped with in-house developed Kolibri software, a user-friendly tool allowing to operate the scanner easily, SCANBOX PLUS provides you with a simple workflow in the framework of the format selection, focusing, image stabilization and color correction.

HIGHLIGHTS

- Multi format: 16/S16 mm - 9.5 mm - 8/S8 mm
- 4K / 2K Resolution
- Sprocketless laser detection of perforations
- Picture stabilization through the perforation analysis
- High-power cold RGB LED source
- 2 in 1: KOLIBRI workstation and software
- Tolerance to withdrawal: 5%

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Types et formats of films

- Negative, internegative, interpositive, positive, C. and B & W
- 16/S16 mm – 9.5 mm – 8/S8 mm

Scanning

- Real-time scanning in 2K DPX files, Tiff files, MOV files
- Scanning speed in 4K DPX 4fps, in 4K MOV files 12fps
- Low noise camera, progressive mode with Bayer filter
- Resolution 4K (4 096 × 3 000), 2K (2048 x 1536)
- High resolution lens
- Automatic adjustment of format and focus
- Support for scanning using EDL
- Continuing film break recovery function during scanning

Film transport and tension

- Capacity 600 meters
- Film is driven by capstan with no sprockets
- Tension regulated by two pressure arms

Lighting

- Trichrome LED Lightning
- Integration cube for homogeneous light and the reduction of scratches and dust during scanning

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Stabilization of the image

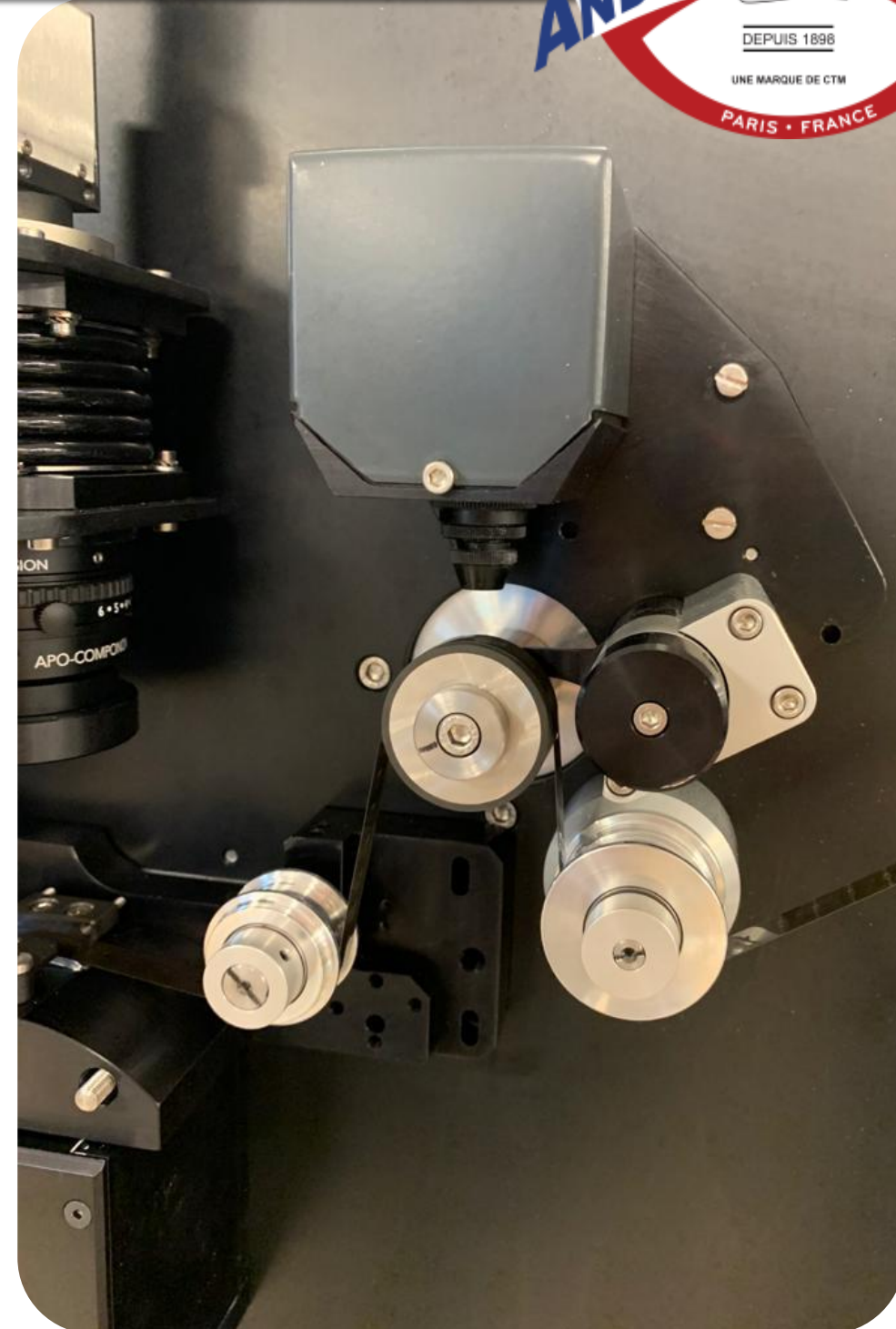
The perforations are detected by a laser. This allows a precise positioning of the image. The absence of a debtor for the detection avoids any risk of damaging the film. Laser detection can handle any type of film with up to 5% shrinkage.

PTRs & Wetgate

- PTR rollers for dirt and dust removal(option)
- Wetgate for scratch reduction (option)

Sound options

- Playback and recording of optical sounds COMMOPT
- Playback and recording of magnetic sounds COMMAG
- Sound amplifier with 2 speakers
- Synchronization with a dual band reader by bi-phase signal



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Output formats

Files : RAW, 2K-4K DPX colour ou B&W, uncompressed AVI, H264, WAV/BMF **Video :** 2K, HD-SDI, SD-SDI(option) **Audio :** SDI embedded (option) AES EBU (option), Analogical (option)

Kolibri Software

- Frame by frame scanning
- Automatic white level control
- Live control by Waveform and vector oscilloscope
- Gamma and LUT
- Filter for improving details
- Adjust color saturation
- Cropping, masking, resizing
- Scan speed up to 50 frames per second
- Support for AVID® Artist Color Control Surface
- Scanner operation in local mode via PLC

Workstation

- Workstation HP Z8 20 cores, 64 GB RAM - 1x256 GB SSD system drive, 64 BIT, Windows10
- 2 Monitors Dell UltraSharp 27 4K PremierColor -3840 x 2160 (DisplayPort : 60 Hz, HDMI : 60 Hz), IPS, 2xThunderbolt 3, 2xHDMI, DisplayPort
- Remote control by TEAM VIEWER
- PCIe slot available for Giga Ethernet or fiber channel card
- Internal storage in RAID0 - 16TB

