



KEMview is an utmost gentle and state-of-the-art film preservation table, adapted to the needs of modern archival preservation work.

Designed to ease and accelerate not only the physical work with precious archive stock, it features HD-proxy scanning with every formate of film and embedded sound, awesome winding quality yet never seen and easy metadata-management

KEM view



Winding

The drives of KEMview work without capstan-, sprocket- or press-on rollers, it leads the film with care through the almost touch less rollers and touchless sensors

Its cybernetic-control-system produces beautiful and evenly winded film reels in a freely adjustable and consistent film tension over the entire radius - to prepare the stock in different tensions, customised for different purposes like tight for scanning or loosed (to 50g) for archiving



Preservation

KEMview is available in versions up to three stock-paths, which are all as straight as possible

The picture path is located nearest to the operator to ease work on film stock. A brass scraping plate, the frames-ruler and an adjustable working back light are useful tools for restoration. The system is protected against spark discharge, isolated and suitable for almost any kind of stock, shrunken, dried out or curled



Automation

The table provides manual operation and automatic modes for autonomous rewinding and ventilation as well as sync playing and extreme low flutter - almost touch less

It reaches the desired film tension gently while it detects longitudinal shrinkage and further physical parameters of the stock. The intuitive operating is derived from the JogShuttle-wheel-operation, well known from the linear video post production



Metadata

Recording of 35/16 YCbCr 1080p with embedded sound, SEPMAG, -OPT, COMOPT or -MAG.

A safe encoded WiFi-data-interface is installed to connect the table KEMapp, an app for iPad to evaluate and document metadata (available soon)

Key Features



- Consistent and stable winding
 - Adjustable film tension
 - HD-video stream with embedded sound
 - SEPMAG, COMOPT and COMMAG
 - Suitable for any stock, any format or state: photographic, magnetic, wet, dry, curled, torn
 - Sprocket-less, no capstan or press-on-roller
 - Safety stop at end, tear-off, split and sticky stock
 - Slows down automatically at the end of the reel
 - Electronic spark arrestor, insulation and dissipation
 - Self-detection of winding direction
 - JogShuttle control
 - Foot-pedal control^(opt)
 - Customise-able stroboscopic LED backlight Magnifier-lamp and brass work plate
 - Changeable PTR-rollers^(opt)
 - Rollers for special film formats^(opt)
 - Transparent hood with air suction and filter^(opt)
 - Truss®-rig for mounting of individual monitors and devices like shelves, tools and lights^(opt)
- (^{opt} = optional)



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Technical Details

Photographic film formats:	8/16/35mm - 9.5/17.5/22/28mm ^(opt)
Magnetic film formats:	16/35mm - 17.5mm ^(opt)
Max. length of reels:	2130ft (650m)
Free adjustable winding speed:	0 to 125fps (FF-REW)
Free adjustable film tension:	12oz (350g) to only(!) 1.75oz (50g)
Static protection:	100% antistatic, current arrester
Video-output:	YCbCr 1080p HDMI, external video grabber
Audio-output:	6.3mm+3.5mm jack plug TRS And embedded digital sound 48kHz
Working-light source:	LED monochrome, approx. 5600°K Backlight synchronised to current fps
Surround conditions:	Temp: 43° - 131°F (5° to 55°C), 15% - 80% rel. humidity, non-condensing
Dimensions (L*W*H):	2'10.2" x 6'6.74" x 2'6.7" (87 x 200 x 78cm)
Weight (approx.):	440 lbs (ca. 200 kg)
Power supply:	AC 110/240 V at 60/50 Hz
Operation voltage:	240V, 48V (motors), 24V, 5V
Max current consumption:	7.0 A

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