



FTS International Pty Ltd

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FTS International Pty Ltd is the sole agent for Dancan Cinema Service S.L.- Spain and KEM Studiotechnik GmbH- Germany in Asia/Pacific.

Asia/Pacific Product List

Dancan Cinema Service S.L.

Film Cans

Dancan stabilized film cans are the only true archival film can in the world They are produced for extended term storage conditions as specified by SMPTE, ISO, FIAF. The superior material is a stabilized copolymer polypropylene called Moplen. This material is the highest quality you can get. It moulds easily has and no tendency to warpage at any temperature. Standard colour of the cans is blue, but other colours can be produced with a minimum order of 1000 pieces.

All film cans are delivered with 2 pcs. 8mm holes for ventilation (chimneys) in 35mm cans and 2 pcs. 6mm holes in 16mm cans. The cans are designed to AMIA recommendations for positive ventilation. A customer must specify when ordering if ventilation holes are not required (not recommended).

dancan.com



**The leading provider
of materials
for film **handling** and **storage****

The cans have undergone a PAT Photographic Activity Test (Per ANSI IT9.16). (This test was done in March 2015).

Dancheke Acid Detecting Strips

It is very sensitive indicator that senses the "Vinegar Syndrome" just by touching the film. The indicators are placed on the film and reading can be done after 24 hours depending on the temperature. For colder conditions expect 2-3 days for an accurate reading. 24 hours is based on 20 degrees Celsius. Compare the reading with the colour chart. If the colour changes to olive green (pH 4,6) you have reached the critical autocatalytic point, which is the point where you should consider separating this film from the rest of the collection and begin to duplicate. If the indicator has not reacted within 24 hours nothing is critical. Close contact with severely degraded acetate and nitrate films (touching and sniffing) may be a health hazard. Acetic acid and other acidic products emitted by degraded film have been known to produce contact burns, skin and mucous membrane irritations, and other physiological effects. Protective gloves and adequate ventilation are strongly recommended for handling degraded films.

DANCHEK 24-Hour Acidity Tester

pH 6,0	No Smell - Level 0 Fresh Film
pH 5,5	No Smell - Level 0 Degradation is beginning
pH 5,0	No Smell - Level 1 Degradation is increasing
pH 4,8	Weak Smell - Level 1 Degradation is increasing more
pH 4,6	Weak Smell - Level 2 AUTOCATALYTIC POINT watch
pH 4,4	Stronger Smell - Level 3 The film should be duplicated
pH 4,2	Strong Smell - Level 3 Duplicate NOW

Dancheke AD Strips - 250 pcs in this package.

Open the black bag, which is for light protection, and leave them in the clear ZIP lock bag until use.

Easy to open and close 250 times. Take only strips out when you need to test a film.

Leave the strip on the film, close the can and check after 24 hours. Longer when the film is cold.

Re-order from
Dancan Cinema Services
Calle Explanada de Castillete 3 - X66
Puerto de Mogán - 35138 Mogán
Las Palmas de GC
España

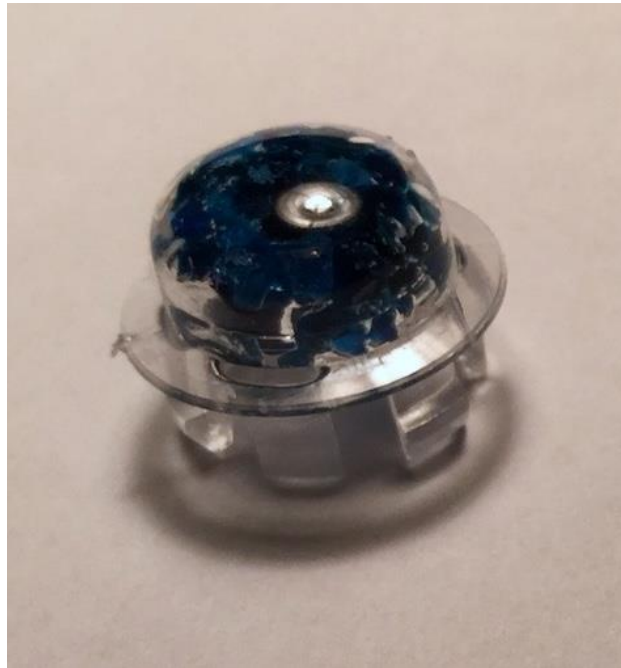
0034 697 226 485 – info@dancan.dk
www.dancan.com



Daneye - Motion Picture Film Base Deterioration Window

Daneye is the monitor "eye" to your film; it is the "nose" that never gets tired of smelling decaying films.

This product received nomination for the Patent Price of the year 1995 in Denmark. The dyed silica change color according to grade of deterioration of the film. It ranges from blue via green to yellow. Daneye clips into a 11mm hole in the side of any film can. It is an affordable way to give you control over your collection - right now - and in years to come.



Indication correlates with IPI (Image Permanence Institute, Rochester, USA) safe and accurate way to check film for vinegar syndrome.

Dantape Film Splicing Tape

Dantape is a premium product manufactured by one of the world's leading manufacturers of tape. It is manufactured in polypropylene with a tensile strength of minimum 100 Newtons/24mm and a minimum elongation of 160% before breaking. The adhesive is age resistant acrylic. Standard length of each roll is 15 meters.



Other items include C.I.R. splicers, film leader, ORWO Black & White motion picture film

KEM Studiotechnik GmbH

KEM Studiotechnik has a rich tradition of quality and innovation in the design and manufacturing of film editing and inspection tables. For 50 years KEM products have been essential tools for film studios, laboratories and archives around the world, helping to preserve our valuable film history.

Film Winders

KEMroll is a modern winding table for almost any film format, producing a winding quality not yet seen without capstan or sprocket. It is designed for visual evaluation, preparation and ventilation of any film stock. This new winding table guarantees a precise winding with a film tension of 7.05oz. The tension is consistent over the entire reel and unaffected by stopping, changing of speed or direction during the work. The film may be controlled by touch during winding, even cutting the film and winding again: the film tension never changes.

Back to the Future of Archiving **KEM STUDIOTECHNIK**

KEMroll is a variable winding table for almost any film format: it produces a winding quality never seen before without sprockets- or capstan. It is designed for evaluation, visual and haptic study, preparation and ventilation of any film stock.



KEMroll

-  This new amazing rewinding table guarantees a precise and consistent wind with the film tension adjusted at 7.05oz. This tension is consistent over the entire reel and completely unaffected by stopping, changes of speed or direction during your work with a KEMroll.
-  KEMroll was designed specifically for difficult stock: wet, sticky, brittle, shrunken, twisted, polyester, acetone or nitrate, as well as magnetic film without creating a loose pack, tightened, scratched stock or any kind of damage.
-  With its affordable price and its modern features for the need of contemporary archival work KEMroll is designed to save the value of you analog film stock.
-  This is realized by a cybernetic dual microprocessor controlled motors in real time. KEMroll reaches extremely high and low winding speeds while applying astoundingly gentle treatment to the film by touching only the edges.

Back to the Future of Archiving **KEM STUDIOTECHNIK**

Key Features ^(opt)

- Perfectly constant and stable winding
- Sprocket-less
- No capstan
- Safety stop
- Automatically stops upon sensing torn film
- Automatically slows down at the end of the reel ^(opt)
- Electrostatic spark arrester, insulation and dissipation
- Self-detection of winding direction
- Shuttle control
- Foot pedal control ^(opt)
- Cold LED backlight
- Brass work plate
- Variable speed stroboscopic backlight ^(opt)
- Interchangeable PTR-rollers ^(opt)
- Rollers for special film formats ^(opt)
- Push button adjustable table height: 70 to 135 cm (2'3.5" to 4'5.1") ^(opt)
- Transparent hood with air suction and filter ^(opt)
- Double shelf with direct/indirect light ^(opt)
- Custom color tops available ^(opt)



KEMroll

Technical Details ^(opt)

Film formats:

8 - 16 - 35mm	8 - 16 - 35mm
9.5 - 65 - 70mm ^(opt)	Nitro-safe
Nitro	16 - 17.5 - 35mm ^(opt)
Magnetic film formats:	2130R (650m)
Length of reels:	FF-REW - 0 to 250fps
Free adjustable winding speed:	7.05 oz (200g)
Consistent film tension:	Shuttle and foot pedal ^(opt)
Control:	LED monochrome, color temp. approx. 5600°K
Light source working backlight:	AC 110/240 V at 60/50 Hz
Power-supply:	100% antistatic
Static dissipation:	132 lbs (60 kg)
Weight (approx.):	2'3.5" x 37.5" x 27.5"
Dimensions (L*W*H):	(70 x 110 x 80cm)
Surround conditions:	Temp: 59 - 104°F (15 to 40 °C)
	35% - 65% normal humidity

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KEMwind is a state-of-the-art winding table for any film stock with an incredible winding quality. All the features of the KEMroll are available here. KEMwind produces a precise and constant winding on both the winding and unwinding plates, however the tension is variable. Further features like a changeable optional carrier for sundry electronic film sensors for various film conditions makes this table versatile and indispensable for effective and economical archival work. With its gentle treatment and automated features, KEMwind creates a new cost benefit ratio in archival work and helps to actively save the value of the analog film stock.

Back to the Future of Archiving **KEM STUDIOTECHNIK**

KEMwind is a state-of-the-art rewind table for any film stock which maintains an incredible winding quality. It features automation in retaining the film condition and remote control via WiFi app in a closed network.



KEM wind

- All the features of KEM's smaller version of a winding table KEMroll are available here in addition to several other options: KEMwind produces a precise and constant wind on both plates (the winding and unwinding plate) while you may adjust the film tension variably on this model.
- Data is exported by the table in a common CSV format. Connectivity to computer system via small embedded client system is in development and will be available in 2018.
- The app turns your smart phone, iPad or any computerized device into a remote control or into an additional customized table display that can be placed wherever you like.
- There are 3 slots in the film path for parallel measurement or additional interchangeable sensors like for precise perforation, shrinkage, splices, sound-reading, frames or screening-time (other sensors like keycode are in development).

Back to the Future of Archiving **KEM STUDIOTECHNIK**

Key Features ^{HW} = optional

- Perfectly consistent and stable rewinding
- Adjustable film tension
- Sprocket-less
- No capstan
- Automatically stops upon sensing torn film
- Automatically slows down at the end of the reel ^{HW}
- Electronic spark arrestor, insulation and dissipation
- Self-detection of winding direction
- Jug-Shuttle control
- Foot pedal control ^{HW}
- Cold LED backlight
- Brass work plate
- Variable speed stroboscopic backlight ^{HW}
- Interchangeable PTR-rollers ^{HW}
- Rollers for special film formats ^{HW}
- Transparent hood with air suction and filter ^{HW}
- Double shelf with direct/indirect light ^{HW}
- Push button adjustable table height: 70 to 135 cm (2'3.5" to 4'5.1") ^{HW}
- Safety stop
- Film-tear-stop
- Film-split-stop
- Sticky-film-stop



KEM wind

Technical Details ^{HW} = optional

Film formats: 8 - 16 - 35mm
9.5 - 65 - 70mm ^{HW}

Nitro: Nitro-safe
Magnetic film formats: 16 - 17.5 - 35mm ^{HW}
2230R (650m)

Length of reel: FF-REW - 0 to 250fps
Free adjustable film tension: from: tight 12oz (350g) to loose 1.75oz (50g)
Jug-Shuttle and foot pedal ^{HW}

Control: LED monochrome, color temp. approx. 5600°K

Light source working backlight: AC 110/240 V at 60/50 Hz
Power: 100% antistatic
Static dissipation: ca. 176 lbs (80 kg)
Weight (approx.): 2'3.5" x 4'7.1" x 2'7.5"
(70 x 140 x 80cm)
Dimensions (L*W*H): Temp: 59 - 104°F (15 to 40 °C)
35% - 65% normal humidity

Surround conditions:

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KEMscreen is a digital imaging system upgrade for Steenbeck and KEM analog editing tables with modern digital picture and sound output (KEMscreen for KEM tables and STEvolution for Steenbeck tables).

This system replaces the inferior picture modules on analog tables with modern digital technology using flat screen displays and active speakers. They enable digital ad-hoc recording while viewing archival stock of both, picture and sound in a single step.

Back to the Future of Archiving **KEM STUDIOTECHNIK**

KEMscreen (for KEM tables) and **STEvolution** (for Steenbeck) are upgradable digital imaging systems for analog film editing tables with modern, digital picture and sound output.



KEM screen

- This system replaces the bulky and inferior picture-modules of analog editing tables with a modern digital technique using flat screen displays and active speakers. They enable digital ad-hoc recordings while viewing archival stock of both, picture and sound, in a single step.
- With this retrofit-set you can make ad-hoc recordings in a modern HD-video-format very cost efficiently. The recordings include the embedded sync-sound (whichever sound-format your table provides, e.g. SEPMAG or COMMAG). The core-system can be changed in between your tables.
- The new, patented imaging system KEMcore[®] is presented to you by KEM. It provides a dynamic range that is superior to the original picture-module. Here the highlights are reduced by an optical low-pass filter and scaled into the dynamic range of the digital cinema camera (13 stop). This way the information in the highlights of your film material is saved.
- At the moment the new system is available for editing tables of KEM (KEMscreen) and Steenbeck (STEvolution).

Back to the Future of Archiving **KEM STUDIOTECHNIK**

Key Features: ^{HW} = optional

- Video display flat screen (any size)
- Video & audio recording
- KEM & Steenbeck tables
- 35mm / 16mm
- SEPMAG COMMAG
- SEPOPT COMDPT
- HD - UHD ready (up to camera)
- KEMcore[®] image processing unit
- Breakout box with complete connectivity
- Camera remote control ^{HW}
- Look-Up-Table (LUT) ^{HW}
- Synchronized LED Light Source ^{HW}



KEM screen

Technical Details:

Video-table interface: HDMI - Type A PureLink /SDI-adaptor
Frame rate: 1080p/23.98, 24, 25, 29.97, 30, 50, 59.94, 60
± 8000 (13 steps)
Dynamic range recording: CinemaDNG RAW (520 Mbs)
Recording formats: ProRes 422 HQ (220Mbs) 422 LT (100Mbs)
SDXC, SDHC
Image output signal: YCbCr - 1920 1080 embedded Audio
Audio output table: Low voltage cinch 3.5mm analogue
Embedded Audio: 2 channels, 48 kHz, 24 bit
Film image formats: N16, S16 up to 35mm OpenGate
monochrome, color temp. approx. 5600°K
LED light source: Laser

Focus assistance for KEMcore[®]: Laser
Power-supply: AC 110/240 V at 60/50 Hz
100% antistatic
Static dissipation: approx. 11lbs (5kg)
Weight KEMcore[®]: 0'3.9" x 3'7.5" x 0'5.5"
(10 x 15 x 40cm)
Dimensions KEMcore (L*W*H): Temp: 59 - 104°F (15 to 40 °C)
35% - 65% normal humidity

Surround conditions:

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Shrinkage Control Unit Model K - SG

To preserve archival film, it does not only require proper storage (Duncan film cans, correct temperature and humidity) but also the measuring of film shrinkage. For this purpose, KEM Studiotechnik has developed a shrinkage control unit with a direct reading of percentage values on an LCD digital display and a logical film insertion to avoid measurement errors.



Units are available for 16mm, 35mm, 16/35mm and 70mm

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