

FP30/38E-S CREATED BY KINOTON

Screening Room Projectors

The ES studio projector series has been especially designed to meet the high demands on projection quality and functionality in screening rooms, preview screening suites, film archives and museums. As all E-series projectors, it features the same technology as the famous ECII projectors, which has earned Kinoton an Academy Scientific and Engineering Award.



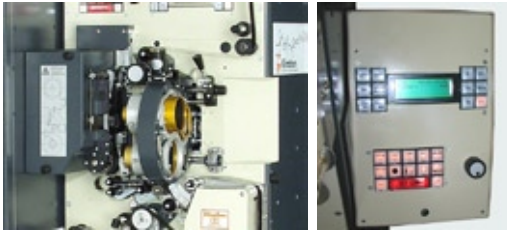
Key Features

- maintenance-free direct electronic sprocket drive instead of a Maltese cross
- perfect picture steadiness by means of an electronic control system
- excellent focus and contrast
- continuously running electronically controlled shutter for flicker-free projection at all speeds
- 2 selectable projection speeds (can be pre-selected from a range between 10 and 30 fps)
- infinitely variable projection speed (10 - 30 fps) via potentiometer control
- slew operation "CONT" up to 100 fps, forward and reverse
- 2-digit display of projection speed
- synchronous coupling: MASTER - output 50 Hz or 250 Hz biphasic
- 2- or 3-blade shutter (optional)
- continuous electronic framing
- electronic reel shafts provide film protection due to constant film tension
- remote control panels for projector and auditorium functions available

Benefits

The electronically controlled intermittent drive system, the E-Drive, was designed for day by day 24/7 operation. It provides unsurpassed picture steadiness in every projection mode plus fast slew operation – forward as well as reverse. Optimized focus and stability as well as increased shutter efficiency and brightness guarantee first rate image quality.

With its two preset projection speeds, forward and reverse running, different shutter modes and flexible friction and reel drives, the FP 30 E-S and FP 38 E-S are perfectly suited for post production applications. Due to their outperforming projection quality, versatility and reliability, these screening room projectors became the standard and reference in preview theatres, film studios and film archives around the globe.



Specifications

Film formats:	35mm (FP 30 E-S), 35/16mm (FP 38 E-S)
Drive system:	Patented electronic intermittend drive
Picture steadiness 16 mm:	Vertical (jump) < 0,2% / horizontal (weave) < 0,3%
Picture steadiness 35 mm:	Vertical (jump) < 0,1% / horizontal (weave) < 0,2%
Projection speed, preset:	Max. 30 fps - forward and reverse
Variable projection speed:	10 to 30 fps - forward and reverse
Slew speed 35 mm (CONT):	Up to 100 fps - forward and reverse
Slew speed 16 mm (CONT):	Up to 100 fps - forward and reverse
35 mm run-up time:	0 - 25 fps < 2,0 sec / 0 - 100 fps < 5,0 sec
16 mm run-up time:	0 - 25 fps < 1,5 sec / 0 - 100 fps < 4,0 sec
Frictions:	50 m (150 ft.) to 2000m (6000 ft.)
Lamp power:	700 up to 7000 W (3000 W for 16mm)
Lens holder or turret:	70,6 mm or 101,6 mm
Sound formats:	Analog, Dolby Digital, DTS
Special features:	Electronic framing Electronic handwheel
Options:	Lens turret for 2 or 3 lenses with individual focus Remote focus Change-over Various remote panels
Master output signal:	Bi-phase
Operation time / maintenance:	Designed for 24 / 7 continous operation with scheduled maintenance
Operating environment:	Operating temperature between 18° and 25° C, humidity between 40 - 60 % RH, non-condensing!
Power connection:	100 - 250 V / 50 - 60 Hz / 16 Ampere
Dimensions:	Depending on light source
Net weight (without light source):	95 kg - 165 lbs
Warranty	12 months - see GToB

Applications

- ➔ screening rooms
- ➔ preview screening suites (dailies)
- ➔ film archives
- ➔ post productions houses
- ➔ special effects studios (SGI)

Delivery Options

- ➔ FP 30 E-S for 35mm (Super 35 optional)
- ➔ FP 38 E-S for 35mm and 16mm
(Super 16 and/or Super 35 optional)
- ➔ video scanning unit