

# MP 75 E REFERENCE

## Multi-Format Projector

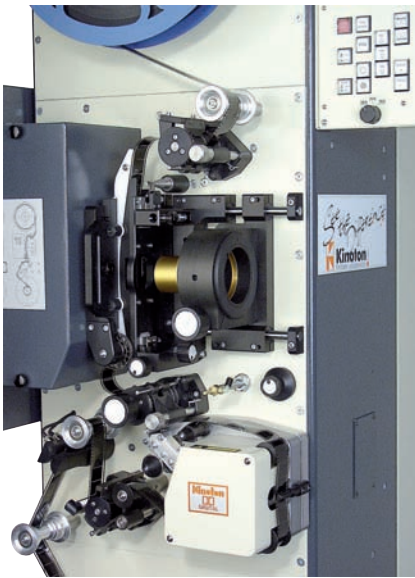
**Based on our highly regarded FP and SP series, this multi-format projector has been designed for immaculate reproduction of 4/35, 5/70 and 8/70 films.**

Their one-of-a-kind digitally controlled REFERENCE intermittent drive sets completely new standards for excellent picture quality with each film format.

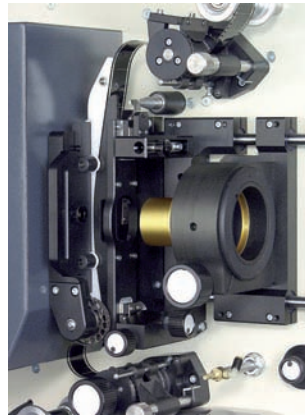


### Top Features

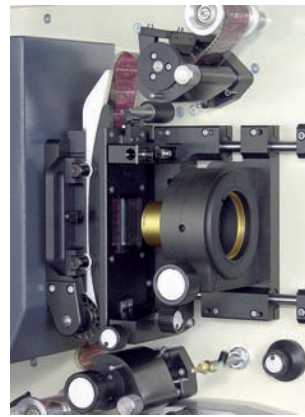
- » Switch-selectable showing of the following film formats:
  - 35 mm / 4-perf
  - 70 mm / 5-perf
  - 70 mm / 8 perf
- » Quick and simple change of formats utilizing combination 35/70 sprockets and rollers
- » Interchangeable, format optimized film gates
- » Direct and highly dynamic digitally controlled intermittent drive
- » Optimum projection quality due to correction software
- » Picture steadiness values 3 times better than SMPTE standards
- » Excellent focus due to substantially extended picture dwell time and vibration-free film transport into the gate
- » Over 25% increase in light efficiency due to extremely short pull-down time of only 8 milliseconds
- » Continuously running electronically controlled counter-rotating shutters for increased brightness and flicker-free projection at all speeds
- » Continuous electronic framing
- » Electronic focus adjustment
- » Through the gate rewind at 400 perf/s max., with electrical skate lifting
- » Change-over control for alternate or parallel operation (e.g. for 3D projection)
- » Electronically controlled spool shafts for gentle, constant film tension
- » Accepts 9 mm (5/16 inch) and 12.7 mm (1/2 inch) spool shafts
- » Lens holder for 70.6 or 101.6 mm, suitable for lenses with extremely short focal length as well (fish-eye projection)
- » For Xenon lamps up to 8000 W
- » Integrated film gate cooling unit for external water cooling
- » Remote controls for projector and auditorium functions (optional)
- » Built-in show control for all projector and auditorium functions available
- » Master output 50 Hz biphasic for synchronous coupling



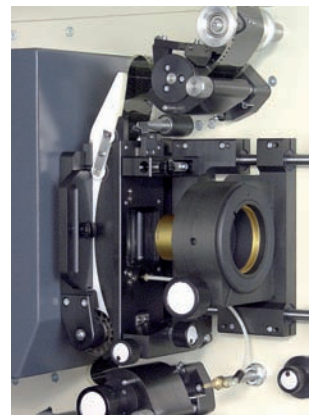
Film run mechanism



Film gate unit 35 mm / 4-perf



Film gate unit 70 mm / 5-perf



Film gate unit 70 mm / 8-perf

## Technical Data

<b>Mains Voltage</b>	115 V / 120 V / 230 V / 240 V
<b>Mains Frequency</b>	50 / 60 Hz
<b>Power Input</b>	800 VA (without light source)
<b>Net Weight</b>	140 kg (270 lbs) (without light source)
<b>Gross Weight</b>	240 kg (500 lbs) (without light source)

## Options

<b>Lens holders</b>	Quick-change preset, Ø 70,6 mm or Ø 101,6 mm
<b>Film Gate Units / Film Pressure Skates</b>	For 35 mm / 70 mm combinations
<b>Remote Unit</b>	Focus
<b>Sound Devices / Readers</b>	<ul style="list-style-type: none"> <li>» Reverse-Scan sound device for 35 mm analog sound only</li> <li>» Reverse-Scan sound device for 35 mm analog sound and Dolby Digital</li> <li>» For DTS 35 mm and 70 mm</li> </ul>
<b>Lamphouse</b>	GigaLight special lamphouse with adapters for xenon lamps up to 8,000 W
<b>Film Gate Cooling Unit</b>	Recommended for bulbs above 3,000 W
<b>Electronic Friction Drive</b>	<ul style="list-style-type: none"> <li>» For film spools up to 600 m</li> <li>» For film spools up to 1,200 m</li> <li>» For film spools up to 1,800 m</li> </ul>
<b>Spool Shafts</b>	American or European size
<b>No-Spool Version</b>	For platter or spool tower operation only
<b>Remote Control / External Error Message</b>	<ul style="list-style-type: none"> <li>» Full remote control of projector functions</li> <li>» Function check and external error message</li> </ul>

See the Difference.

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