

PHOTOMEC



P200 Film Cleaner

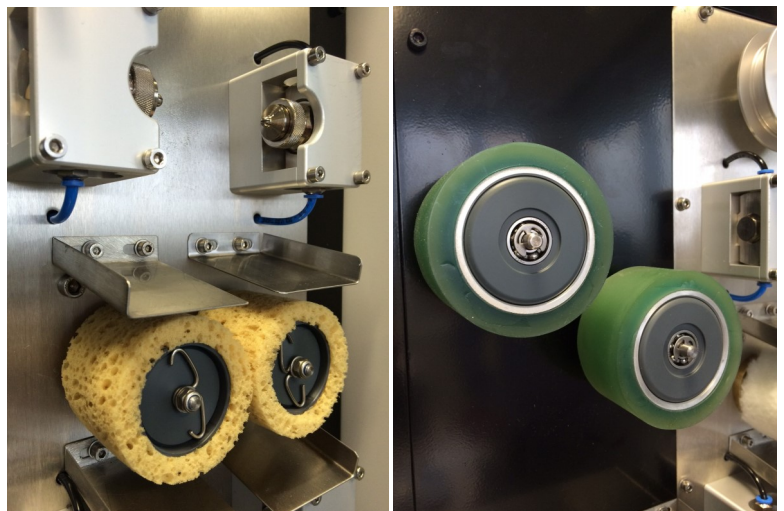
Photomec engineers have designed & built a new revolutionary film cleaning machine for the use with any film materials from 8mm up to 35mm. The machine sets a new standard in using precise digital control to enable film to be safely transported whilst being cleaned, both tension & film speed are constantly adjusted whilst the machine is running.

Using a non contact Laser sensor the feed plate tension is constantly adjusted as the film roll unwinds. The tension is factory set but can be adjusted by the user. The film speed is controlled using a feedback encoder which ensures every roll is wound with consistent line speed and tension.

The use of a colour operator control panel gives the operator full control of the P200 and has a graphical display of solvent usage and level.

Toughened glass doors keep the whole cleaning environment dust free and ensures safety for the operator.

The solvent is delivered to the film with use of four patented atomization spray nozzles to deliver precise amounts of cleaning solvent & air to both the film base and emulsion, this is then followed by the use of gentle medium speed rotary film buffers to assist in the distribution and drying of the solvent. The use of Kodak PTR rollers ensure any loose dust particles are removed both prior to and after the film has been cleaned.



Atomization Nozzles

Kodak PTR Rollers

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Kodak HFE 7200 Solvent

- Speeds up to 200 fpm (3,657 M/hour)
- Typical solvent consumption 20 mL/min
- Digital Tension Control
- Digital Solvent Pump Control
- Supplied with Oil Free Compressor
- Colour Touch Screen Control
- Display in either Feet/min or M/min
- CE Marked
- Delivery 4-6 Weeks (COVID 19 Dependant)

The P200 Cleaner uses Kodak HFE 7200 film cleaning solvent which is supplied in 5 Litre canisters which are loaded directly into the Cleaning machine. The solvent rate is adjustable but based on the standard film transport speed of 200 fpm (3657 M/hour) will enable the cleaner to produce 50,000 feet (15,240 Metres) of spotlessly clean film. The solvent is pumped using extremely accurate metering pumps which are electronically controlled which are adjustable.

The Photomec P200 film cleaner has a colour touch screen which provides complete and safe operation. There is a graphical display of the solvent level, machine speed & footage and the status of the cleaner is also displayed. The cleaner can be used as a rewind device if necessary and there is also a setting for the use with 16mm film. In addition if the customer has access to a LAN the cleaner can send emails with data such as footage cleaned and solvent level & usage.



Colour Touch Screen



The P200 is supplied with a suitable oil free air compressor with all necessary connecting hoses.

- Height 1305mm
 - Width 800mm
 - Depth 548mm
 - Weight 180 Kg
 - Cleaner Power 230V, 50-60 Hz, 400W
 - Compressor Power 230V, 50-60 Hz, 700W
 - Compressor Noise Level 53dB
- Dimensions & Power**

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