

EXCEL™ 1100

Enhanced Non-Immersion Professional Motion Picture Film Cleaning Machine

Offers more film cleaning power in a non-immersion system than ever before! This new film cleaning system from Lipsner-Smith is the result of advancements in wet cleaning technology which have been recently developed by our engineering laboratory.

In the EXCEL 1100, surface dirt and contamination such as splicing debris are first removed by a series of four molded polymer particulate transfer rollers.

The film is then thoroughly cleaned by means of four softnap rotary buffers wetted with ozone-safe isopropanol. Cleaning liquid flow is adjustable in the EXCEL 1100, so that even films that are heavily soiled can be quickly and effectively returned to optimum condition.

Following the wet station, the film is carefully polished, transported through a time-proven heated air impingement tower for thorough drying, and then passed over two additional polymer rollers prior to takeup winding.

The EXCEL 1100 is operator friendly, with straight line threading. Cleaning mechanisms automatically engage at startup. Controls are located at eye level. All functions are under microprocessor control. The compact machine occupies less than 6 square feet of floor space and operates at 115 volts (220 volts optional).

The EXCEL 1100 is designed for use in film laboratories, film-to-tape transfer facilities and other applications where the more sophisticated solvent-based film cleaning method is not required.

The EXCEL 1100 advanced technology may be factory retrofitted to previous EXCEL models.



Lipsner-Smith EXCEL™ 1100 Film Cleaning Machine

PRODUCT SPECIFICATION—Microprocessor controlled, non-immersion motion picture film cleaning machine.

FILM SIZE—16mm/Super 16mm and 35mm motion picture film on reels or cores. 65mm/70mm optional.

FILM CAPACITY—4000 feet (1219 meters) on 3" core or reels.

CLEANING METHOD—Wet cleaning performed by four wetted rotary softnap buffers. Cleaning agent flow is adjustable to suit individual film requirements. Six molded polymer rollers for removal of particulate from film surface - four before wet station, two additional PTR's before takeup.

CLEANING AGENTS—Isopropanol. Contact manufacturer for specific EXCEL 1100 recommendations.

DRYING—Four rotating softnap buffer/polishers followed by heated air impingement drying.

SPEED—Adjustable to 200 feet (60 meters) per minute.

OPERATION—Requires 8 feet (244 cm) of leader at head and tail. Simple one-hand threading. Pivot film retainer arm and tightwind mechanism are standard.

TENSION CONTROL—Microprocessor controlled transport maintains film tension, running speed, cleaning buffer rpm, and engages motorized threading system.

CONTROLS—Power on/off; transport speed; drying air temperature; cleaning buffer wetness; cleaning buffer speed; start/stop.

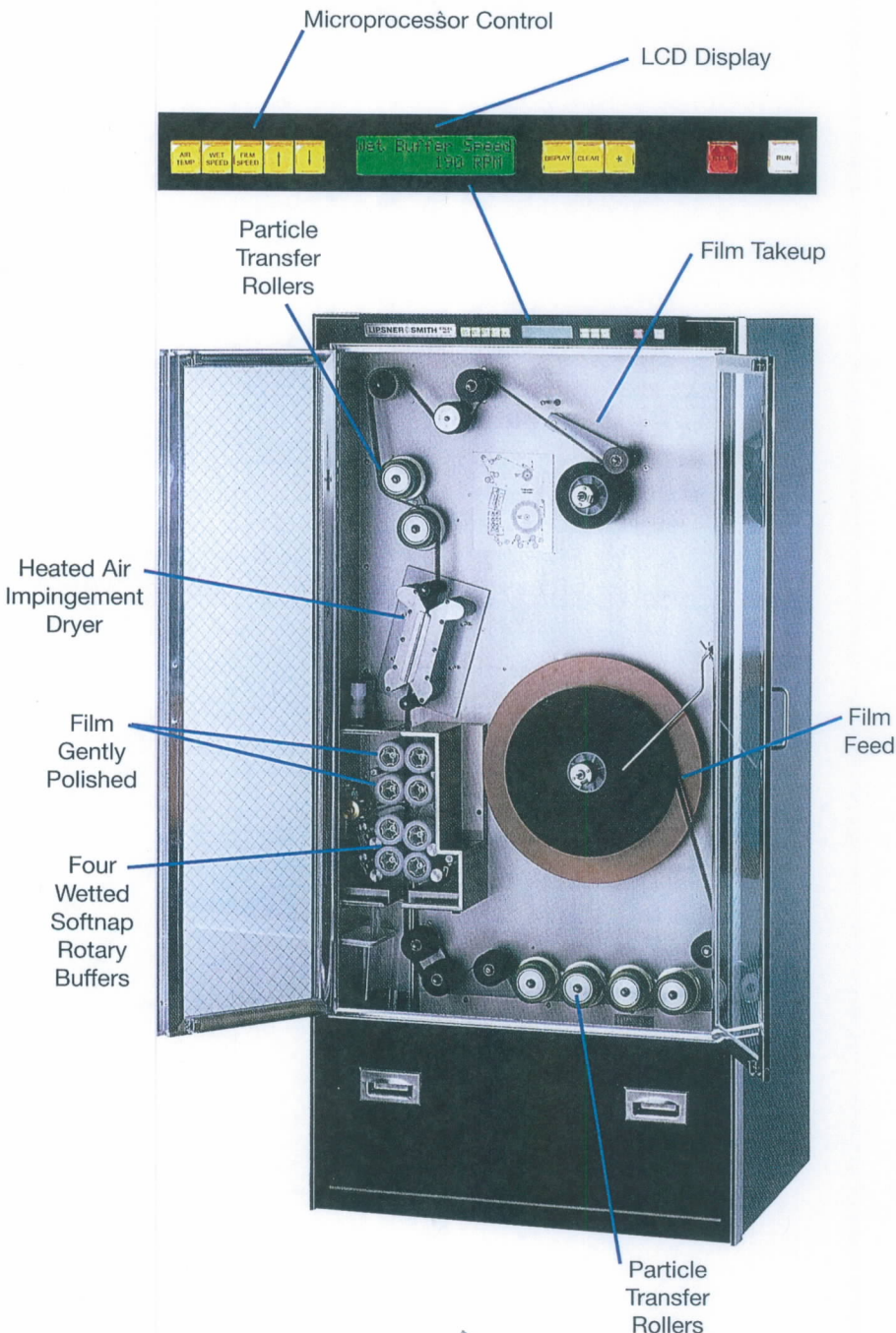
LCD DISPLAY—Film speed; drying air temperature; cleaning buffer speed; footage counter; diagnostics; metric conversion.

CONSTRUCTION—Steel frame all metal cabinet. Glass doors enclose film cleaning components from ambient contamination. Cabinet allows for easy operator/service access.

SIZE—68" High x 33" Wide x 25" Deep (173 x 84 x 63.5 cm). Weight 300 lbs (136 Kg.). Heavy duty rolling casters are standard.

POWER REQUIREMENTS—115 volts, 60 hz., 15 amps. Optional 208-240 volts, 50 hz. available.

Catalog Number 11380



LIPSNER SMITH

COMPANY

For more information call
800-323-7520

From Alaska, Hawaii
or outside the U.S.A.,
call 847-677-3000.

Corporate Headquarters:

4700 Chase Avenue
Lincolnwood, Illinois
60646-1689 U.S.A.
Fax: 847-677-1311 or 800-784-6733
E-Mail: Excel@Lipsner.com
Web Site: www.lipsner.com

European Office:

Unit 6, Swan Wharf Business Centre
Uxbridge UB8, 2RA England
Phone: 01895-252191 0700-04RTIUK
Fax: 01895-274692
E-Mail: inbox@rtiuk.co.uk