



MEDIA MIGRATION
TECHNOLOGY



Media Migration Technology
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New Range of the world's leading Ultrasonic Motion Picture Film Cleaning Machines

Continuing
the fine traditions
of Lipsner Smith,
the very latest,
best performing
Ultrasonic Film Cleaning
machines are here.

Designed by an award
winning team, the models
CF9300P and CF9400HFE
make the very best of their
respective approved film
cleaning solvents.
They use the latest
technology to provide
the most environmental,
safest and efficient devices
for the Motion Picture
Film Industry.

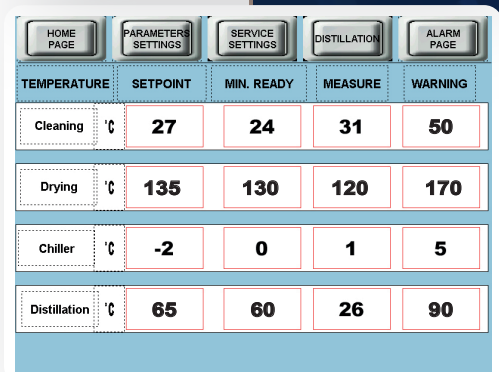
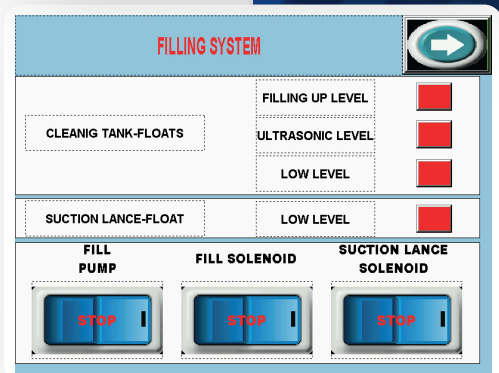
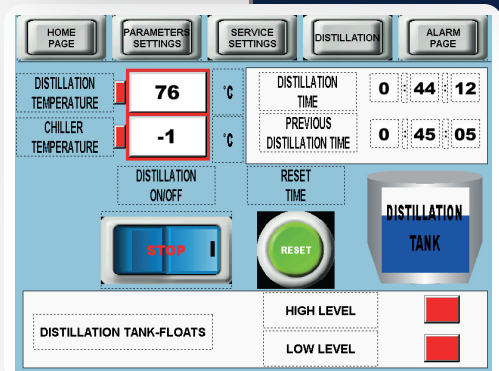
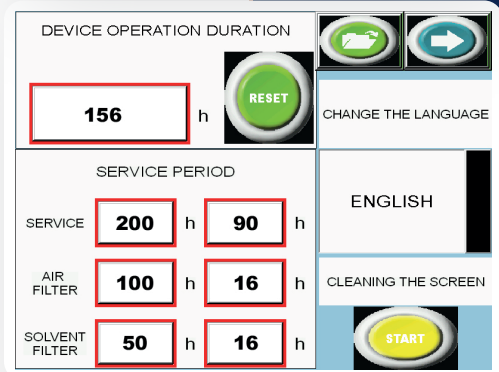
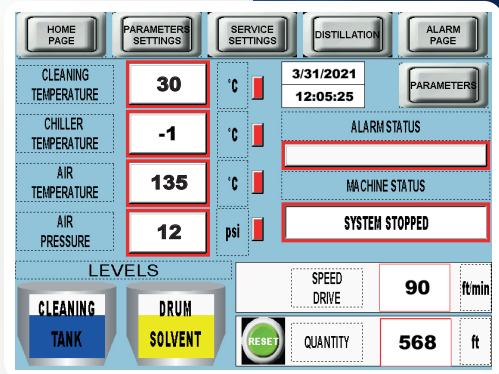
MMT International

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Building on the proven, award winning Lipsner Smith models, the new versions feature many improvements and updates.

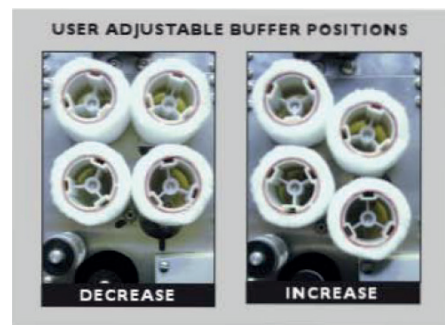


- Variable Speed control including new, lower film transport speeds, if required, for very delicate archive material. Selectable by the operator.
- Adjustable film tensions
- Internal Fluid Wastage Protection, reduces risk of expensive downtime solvent evaporation
- Modern, reliable electronics
- Supply drum empty indicator
- Unique operator-adjustable film wrap through cleaning buffers
- Shorter downtime for solvent distillation recycling
- Glass porthole to film passing through the cleaning buffers during the cleaning cycle



Touch Screen Features

- All the benefits of connectivity
- Extensive machine usage & performance data readily available
- Simplified electronic components and controls
- Service machine warnings
- Solvent consumption data
- Remote connection available to control and monitor the machine
- Feature Upgrades available to download
- License access fees included in machine price



Available options:

- Spare parts kit
- Customized consumables kit
- Remote diagnostics via router
- Film gauges available:
 - 8 mm/Super 8
 - 9.5 mm
 - 17.5 mm
 - 22 mm
 - 28 mm
 - 65 & 70 mm



CF9300P





Specifications

| | |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Model Catalog Number | 11421 |
| Film Cleaning Solvent | Perchloroethylene |
| Cleaning | Ultrasonic Cavitation with immersed, adjustable wrap, rotary dacron buffers |
| Film Drying | Non-evaporative with high pressure, low volume. No physical contact with film |
| Venting of vapor to outside wall required | Yes |
| Film Types | 16mm & 35mm dual gauge. Other film gauges available |
| Internal Solvent Recycling | Virtually Closed System with automatic recycling of vapor and internal distillation/chemical correction of dirty liquid. |
| Solvent Distillation Time | 90 minutes |
| Cleaning/Distillation Tanks | 13.25 / 17 litres 3.50 / 4.50 US Gallons |
| Film Capacity | Up to 4,000ft (1219m) |
| Film Transport | via Soft Touch Capstan |
| Film Speed | Adjustable from 0 fpm to 100fpm (0 mpm to 30mpm) |
| Cleaning Buffers | Dacron - Removeable without tools |
| Machine Controls | 7" Color Touch Screen with data reporting and remote diagnostics |
| Film Tension | Adjustable |
| Ultrasonics | 600W generator, 30Khz 8 transducers |
| Vapor Exhaust | From top, 4" (10cm) duct. |
| Power Requirements | 220 volt, 50Hz or 220v, 60Hz Single phase, 30 amps |
| Weight Dimensions | 430Kg / 950 Lbs 112 x 84 x 196 cm High (44" x 33" x 77" High) |
| Shipping Information | 550Kg / 1200 lbs 143 x 97 x 225 cm High (50" x 40" x 83" High) |