

Automatic Screen Rinsing System

FEATURES

- Automates and simplifies one of the least-desirable aspects of the screen printing process
- Recirculates rinse water to reduce environmental impact and lower operating costs
- Stainless-steel construction ensures long life and minimal maintenance

M&R's Eco-Rinse automates the tedious process of rinsing exposed screens while ensuring consistency and reducing the chance of unintentionally blowing out exposed images. Manually-processed screens often require follow-up rinsing because of incomplete or inadequate processing due to operator fatigue, boredom, or inadequate training. Processing can also vary from one operator to the next. Those problems are eliminated with the consistent screen rinsing available with the Eco-Rinse automatic screen rinsing system.

In addition to consistent results, the balanced pressure and even application provided by simultaneous sprays from both sides of the screen maintain screen tension and extend screen life. At the end of each wash cycle, pressurized air can be directed through the cleaning nozzles to reduce the amount of rinse water left on the screen. And since Eco-Rinse processes screens so quickly, per-screen labor costs can be cut by up to half. Eco-Rinse also reduces operating costs through the recycling of rinse water. Eco-Rinse can recycle up to 80% of the water it uses, providing savings on water cost and on processing emulsion cleared from screens. In some shops, the water can be recycled for several days.

Eco-Rinse can accommodate one screen up to 127 x 127 cm (50" x 50") or two screens up to 64 x 127 cm (25" x 50"). It has no external moving parts, and it eliminates direct employee exposure to the rinsing process. It's economical to operate, and it helps shops maintain a clean operating environment. Processing screens in an enclosed environment dramatically lowers the sound produced by



the spraying of screens, and it significantly reduces humidity, which can have an adverse effect on film and emulsions. Eco-Rinse's easy-to-use touchscreen controls all functions. The machine's compact footprint makes it easy to place in almost any shop. Stainless-steel construction minimizes maintenance and ensures a long, productive life. Low operating costs, versatile design features, and competitive pricing make Eco-Rinse the ideal addition to any screen-printing operation.

STANDARD FEATURES

CERTIFICATION

- CE & UL compliant: Built to specifications established by the European Committee for Standardization® (CE) and Underwriters Laboratories® (UL)

DESIGN & CONSTRUCTION

- All stainless-steel construction
- No external moving parts
- Recycles up to 80% of rinse water
- Reduces ambient humidity compared to conventional spray-out booths

SCREEN LOADING

- Accommodates one screen up to 127 x 127 cm (50" x 50") or two screens up to 64 x 127 cm (25" x 50")
- Doors opens wide to simplify loading and unloading

WARRANTY, SERVICE AND SUPPORT

- 24-hour hotline is staffed 365 days a year
- Access to M&R's Training Center
- One-year limited warranty
- Parts & supplies are available online at store.mrprint.com

SPECIFICATIONS

	Eco-Rinse
Electrical Requirements ¹	208/230 V, 3 ph, 32 A, 6.2 kW
Maximum Screen Frame Size	140 x 114 x 3.8 cm (55" x 45" x 1.5")
Overall Size (W x D x H)	274 x 107 x 213 cm (108" x 42" x 84")
Shipping Weight	363 kg (800 lb)

¹If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly. Other electrical configurations are available. Contact The M&R Companies for details.



The M&R Companies
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