

ECO-TEX™ Mini



Compact Automatic Screen Cleaning and Reclaiming System



FEATURES

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

M&R's Eco-Tex Mini is the most compact, durable, and affordable screen cleaner available. It automates and simplifies the entire screen-cleaning process, and it handles screen frames up to 137 x 100 cm (54" x 39"). In the process, Eco-Tex Mini reduces environmental impact and lowers operating costs by recirculating screen-cleaning chemicals. Users have the option of leaving the emulsion intact while removing ink, or of completely stripping ink, emulsion, and other residue from screens. Washing both sides of the screen simultaneously helps maintain screen mesh tension. Cleaning solvents drain back into the holding tank after each cleaning cycle, reducing chemical use and lowering the cost of operation. Cleaned screens can be moved to the washout station and sprayed with clean water prior to drying. The washout station also gives users the opportunity to look for areas of the screen that may need additional attention.

The easy-to-clean filtration system helps prevent foreign matter from contaminating cleaning chemicals and jet nozzles. Eco-Tex Mini has no external moving parts, and it eliminates direct employee exposure to the cleaning process. Since it only

requires a single operator, Eco-Tex Mini reduces per-screen labor costs. In addition, the operator is free to perform other tasks while the screens are being cleaned, increasing productivity. Screen holders are available in numerous sizes, and additional holders can be purchased for added convenience and faster turnaround. Eco-Tex Mini is economical to operate, and it helps shops keep screen-cleaning/reclaiming areas clean.

Eco-Tex Mini offers user-friendly touchscreen control over all operations, and it includes complete self-diagnostic functionality. The machine's compact footprint makes it easy to place in most shops. Stainless-steel construction minimizes maintenance and ensures a long, productive life. Low operating costs, versatile design features, and competitive pricing make Eco-Tex Mini the ideal addition to any screen printing operation.

www.mrprint.com
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ECO-TEX™ Mini

STANDARD FEATURES

CERTIFICATION

- CE Certified: Built to specifications established by the European Committee for Standardization® (CE)
- UL Listed: Built to specifications established by Underwriters Laboratories® (UL)

CONTROL CENTER

- Digital touchscreen control panel with onboard self-diagnostics controls all machine functions

DESIGN & CONSTRUCTION

- All stainless-steel construction
- Modular design allows future expansion

WARRANTY, SERVICE AND SUPPORT

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

WASHOUT STATION

- Provides an area where screens can be sprayed with a fresh-water rinse after the cleaning process
- Simplifies post-cleaning screen inspection

OPTIONS & ACCESSORIES

DESIGN & CONSTRUCTION

- Second cleaning chamber enables higher throughput

SPECIFICATIONS

	ECO-TEX Mini
Chemical Tank Capacity	300 liters (79 gallons)
Electrical Requirements ¹	208/230 V, 3 ph, 29.5 A, 50/60 Hz, 8 kW
Maximum Screen Frame Size ²	137 x 100 cm x 5 cm (54" x 39" x 2")
Overall Size with Washout Station (L x W x H)	350 x 90 x 180 cm (138" x 36" x 72")
Overall Size without Washout Station (L x W x H)	246 x 90 x 180 cm (97" x 36" x 72")
Shipping Weight	350 kg (770 lb)

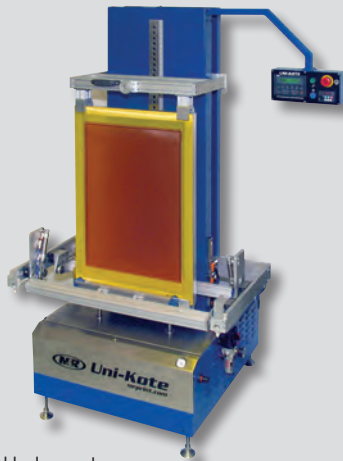
¹ If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly. Other electrical configurations are available: Contact The M&R Companies for details.

² Custom configurations may be available: Contact The M&R Companies for details.

The Digital Screen Room



The traditional screen room often acts as a bottleneck in screen printing operations. The screen-creation process may be less organized than the rest of the operation, and the results may lack the quality required to produce the end product that customers demand. M&R's Digital Screen Room concept is dedicated to dramatically reducing screen-production time while making substantial improvements to image quality and consistency. Low operating costs and versatile design features help make Eco-Text Mini an integral part of M&R's Digital Screen Room.



Uni-Kote

provides a reliable, low-cost option for automating screen coating. Front and rear screen coaters can apply emulsion in tandem or independently, allowing operators to coat each side of the screen separately, both sides simultaneously, or just one side. M&R's Job Recall™ allows users to save up to five screen coating jobs for added convenience and quick changeover.



i-Image STE

is the world's first all-in-one computer-to-screen (CTS) imaging/exposure/pre-registration system (patent pending). By quickly generating images on the inward pass and exposing them on the outward pass, i-Image STE dramatically reduces the time and effort required to prepare images for screen printing. And since screens come out Tri-Loc ready, on-press registration time can be reduced by up to 95%.



Eco-Rinse

automates the tedious process of rinsing exposed screens while ensuring consistency and reducing the chance of blowing out exposed images. Balanced pressure from sprayers on both sides of the screen extends screen life. Since Eco-Rinse processes screens so quickly, per-screen labor costs can be cut by up to half. Eco-Rinse also reduces operating costs by recycling water used in the wash cycle, further lowering per-screen water usage.



The M&R Companies
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