



## STANDARD FEATURES

### CERTIFICATION

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

### DESIGN & CONSTRUCTION

- Built of heavy-duty steel and premium components
- LED timer with digital readout ensures accurate screen exposure times
- Self-contained design speeds production by allowing placement in light-safe screen-coating rooms

### LIGHT SOURCE FOR SCREEN EXPOSURES

- Dramatically reduces exposure time
- Job Recall™ allows storage and recall of numerous screen exposure values
- UV LEDs use far less energy than metal halide lamps and are only on during the exposure process
- UV LEDs run cooler, reduce screen exposure time, and speed up production

### WARRANTY, SERVICE & SUPPORT

- 24-hour hotline is staffed 365 days a year
- Access to M&R's Training Center
- M&R OEM parts—including genuine M&R pallets & platens—and screen printing supplies are available online at store.mrprint.com
- The screen-exposure LEDs used in this equipment carry a limited lifetime warranty against failure in normal use (see M&R's screen-exposure LED warranty for details and exclusions)
- One-year limited warranty

## OPTIONS

### FLOOR STAND

- Turns D-Scan into a freestanding UV LED screen exposure system

## SPECIFICATIONS

	D-Scan
Electrical Requirements <sup>1</sup>	208/230 V, 1 ph, 1.5 A, 50/60 Hz, .33 kW
Maximum Screen Frame Size	66 x 109 cm (26" x 43")
Minimum Screen Frame Size	30 x 46 cm (12" x 18")
Overall Size (H x W x D)	20 x 112 x 89 cm (8" x 44" x 35")
Shipping Weight	181 kg (400 lb)

<sup>1</sup> 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.

## The Digital Screen Room

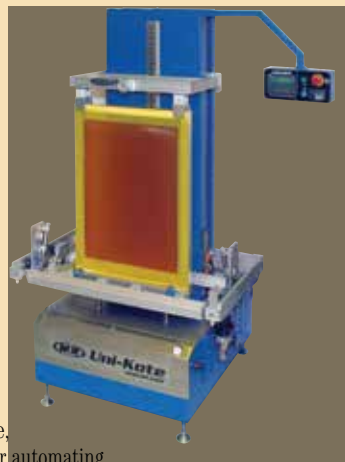


Fast, high-quality screen printing starts with high-quality screens, and M&R's Digital Screen Room concept is dedicated to dramatically reducing screen-production time while making substantial improvements to image quality and consistency. NuArc's D-Scan is an integral part of M&R's Digital Screen Room, delivering fast UV LED exposures on CTS-generated screens. And it's an ideal companion for M&R's i-Image ST Computer-to-Screen Imaging System.



### i-Image ST

quickly generates opaque images on emulsion-coated screens. Because it reduces screen-processing steps, minimizes screen handling, and produces greater image accuracy, i-Image ST is able to deliver fast, accurate, and cost-effective screen imaging. In fact, i-Image ST 3 can create a full-size image in as little as 30 seconds. Screens for multicolor jobs are quickly generated in perfect registration.



### 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.



### 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. And Eco-Rinse can recycle up to 80% of the water it uses.



**The M&R Companies**  
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