

## Scanning UV LED Screen Exposure System

### FEATURES

- Maximum screen frame size 66 x 109 cm (26" x 43")
- High-output UV LEDs for fast CTS screen exposures
- Ideal for anyone who currently employs a CTS screen imaging System

D-Scan is NuArc's revolutionary scanning UV LED screen exposure system. Users simply snap a screen frame into D-Scan's vertical screen mounting system, select the appropriate settings, and press start to send a powerful UV LED light bar scanning across the screen. High-efficiency UV LEDs deliver fast and exceptionally accurate cures, and they're extremely energy efficient. D-Scan features M&R's Job Recall™, which allows operators to name and save screen exposure settings. Operators can later recall those specific mesh/emulsion parameters rather than reentering the settings.

With its convenient and economical approach to direct screen exposure, D-Scan is perfect for any shop that employs computer-to-screen (CTS) imaging technology. D-Scan UV LEDs save energy costs, reduce screen exposure time, and speed up production. D-Scans expose direct, capillary, and indirect emulsions. D-Scan's light bar speed controller ensures highly accurate screen exposures and fast exposure times on screen frames up to 66 x 109 cm (26" x 43"). D-Scan UV LED screen exposure units can be located in areas housing unexposed screens because the UV LED light source is enclosed. D-Scan can be wall mounted or can function as a standalone unit with the optional floor stand. Since D-Scan is designed to work in conjunction with screens that have been imaged on CTS systems and since it does not utilize vacuum or glass, will not work properly with conventional film positives.



M&R is the world's largest manufacturer of screen printing equipment, and the online M&R Store features a wide variety of genuine M&R OEM parts and screen printing supplies. The NuArc line includes CTS computer-to-screen exposure systems, UV screen exposure units, lithographic imaging systems and free standing vacuum frames. All equipment from The M&R Companies is built with M&R's unsurpassed attention to detail and commitment to quality, durability, innovation, and design excellence, and is backed by M&R's unparalleled 24-hour access to service, support, and premium parts.

### STANDARD FEATURES

#### CERTIFICATION

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

#### DESIGN & CONSTRUCTION

- Heavy-duty all steel unit
- 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

- UV LEDs

#### SCREEN EXPOSURE AREA

- 66 x 109 cm (26" x 43") maximum screen frame size

#### 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](http://store.mrprint.com)
- Two-year limited warranty

### OPTIONS

#### FLOOR STAND

- Turns D-Scan into a freestanding UV LED 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")

<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.



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