

# 6K/3K™



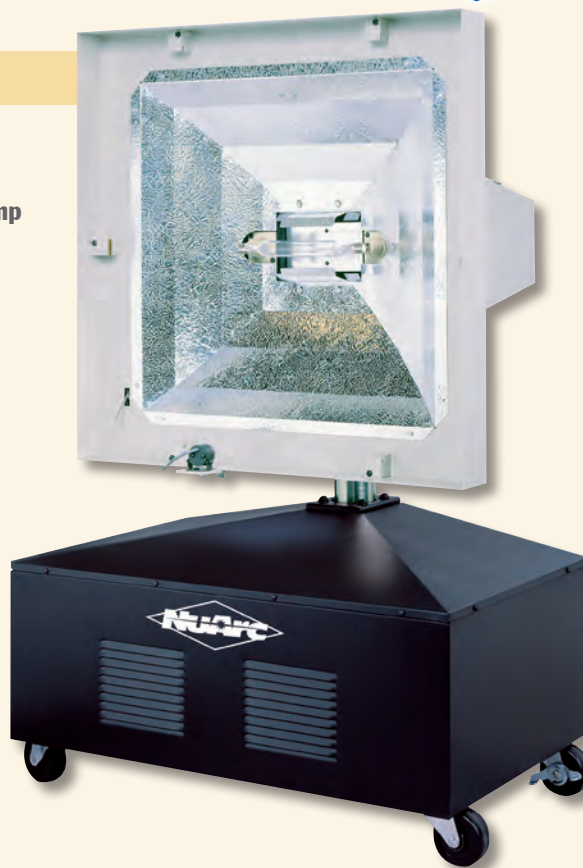
## Metal-Halide Screen Printing Lamps

### FEATURES

- Ideal screen exposure systems for freestanding and wall-mounted vacuum frames
- 6 kW or 3 kW instant-start multi-spectrum metal-halide screen-printing lamp
- Designed for high-production screen-exposure applications

NuArc's 6K & 3K multi-spectrum metal-halide screen printing lamps provide instant-start, shutterless operation for all freestanding and wall-mounted vacuum frames. The 6K & 3K screen printing lamps provide uniform coverage on direct, capillary, and indirect emulsions. Each model features a precise controller/integrator with photo detector, pushbutton controls, and LED readout. The shutter-free operation of screen printing lamps eliminates warm-up time and the need for mechanical screen exposure components. Height-adjustable floor stands and heavy-duty casters are standard.

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)

#### CONTROLLER/INTEGRATOR FOR SCREEN EXPOSURES

- LCD display with pushbutton control
- Light integrator ensures precise screen exposure times

#### DESIGN & CONSTRUCTION

- Heavy-duty all steel cabinet
- Heavy-duty casters
- Height adjusts to accommodate virtually any size vacuum frame
- Removable covers provide easy access to components to clean or replace serviceable items like screen printing lamps
- Ships fully assembled and ready to deploy

#### LIGHT SOURCE FOR SCREEN EXPOSURES

- 6 kW & 3 kW models with instant-start multi-spectrum metal-halide UV screen exposure lamps produce fast, efficient exposures
- Multi-point metal-halide UV screen exposure lamps excel on all emulsions: direct, capillary, and indirect
- Multi-spectrum metal-halide UV screen exposure lamp is easy to access and change
- Patented (U.S. Patent No. 4,339,692) instant-start multi-spectrum metal-halide UV screen exposure lamp and rapid recovery power supply eliminate warm-up and idling times, saving energy and reducing heat build-up
- Point-light source provides maximum collimation and optimum coverage to hold fine lines and dots during screen exposure

#### 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)
- One-year limited warranty excluding blanket, glass, and screen exposure lamps

### OPTIONS

#### REPLACEMENT LAMP

- 3 kW multi-spectrum metal-halide UV screen exposure lamp: Part Number HT162
- 6 kW multi-spectrum metal-halide UV screen exposure lamp: Part Number MH153

### SPECIFICATIONS

	6K	3K
Electrical Requirements <sup>1</sup>	208/230 V, 1 ph, 29/28 A, 60 Hz, 6.0 kW 208/230 V, 1 ph, 26/22 A, 50 Hz, 5.4 kW	208/230 V, 1 ph, 16 A, 60 Hz, 3.6 kW 208/230 V, 1 ph, 14 A, 50 Hz, 3.2 kW
Overall Size	76 x 76 cm (30" x 30")	76 x 76 cm (30" x 30")
Shipping Weight	157 kg (345 lb)	150 kg (330 lb)
Wattage	6 kW	3 kW

<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 M&R Companies

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