Metal-Halide Screen Printing Lamps

FEATURES

• Ideal screen exposure systems for freestanding and wall-mounted vacuum frames
• Instant-start multi-spectrum metal-halide screen-printing lamp
• Designed for high-production screen-exposure applications

M&R’s 6K™ multi-spectrum metal-halide screen printing lamps provide instant-start, shutterless operation for all freestanding and wall-mounted vacuum frames. 6K 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 Certified: Built to specifications established by the European Committee for Standardization® (CE)
• UL Listed: Built to specifications established by 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
• 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
• 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
• 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
• One-year limited warranty excluding blanket, glass, and screen exposure lamps

OPTIONS

REPLACEMENT LAMP
• 6 kW multi-spectrum metal-halide UV screen exposure lamp: Part Number MH153

SPECIFICATIONS

<table>
<thead>
<tr>
<th>6K</th>
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<tbody>
<tr>
<td><strong>Electrical Requirements</strong> <em>1</em></td>
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<tr>
<td>208/230 V, 1 ph, 29/28 A, 60 Hz, 6.0 kW</td>
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<tr>
<td>208/230 V, 1 ph, 26/22 A, 50 Hz, 5.4 kW</td>
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<tr>
<td><strong>Overall Size</strong></td>
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<tr>
<td>76 x 76 cm (30&quot; x 30&quot;)</td>
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<tr>
<td><strong>Shipping Weight</strong></td>
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<tr>
<td>357 kg (785 lb)</td>
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<tr>
<td><strong>Wattage</strong></td>
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<tr>
<td>6 kW</td>
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*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.