



MSP 3140

Multi-Spectrum Exposure System

Eng



MSP 3140™

NuArc's MSP 3140 is designed to provide superior performance at an affordable price. It's an ideal choice for those just entering the world of automatic printing, and for quality-conscious printers in manual environments. The MSP 3140 is designed to provide superior performance, with a 1200-watt multi-spectrum single-point light source that holds fine lines and dots and a light integrator that ensures exact exposures. The instant-start power supply eliminates wasted warmup and idling times. The light source and vacuum frame are completely enclosed, and the exposure lamp cannot be turned on while the blanket frame is open, perfect for areas housing unexposed screens. When combined with M&R's Tri-Loc® Rapid Registration System, MSP 3140 offers an exceptionally efficient image-to-press system. Production can be increased even more dramatically by combining NuArc's Tri-Light™ Exposure System with M&R's Double Tri-Loc® Rapid Registration System. Together, they effectively double exposure productivity.

Other standard features include LCD readout and pushbutton controls. The MSP 3140's oil-free vacuum pump is fast, quiet, and efficient. NuArc's patented vacuum release system instantly releases vacuum, and the blanket frame is equipped with gas springs for easy opening and closing. The MSP 3140 easily navigates a 30" (76 cm) doorway when disassembled.

The MSP 3140 is built with NuArc's attention to quality, durability, and design excellence, and is backed by NuArc's award-winning service.

www.nuarc.co.kr

MSP 3140

Multi-Spectrum Exposure System

Standard Features

Blanket

- Design eliminates need for vacuum hose connection to blanket
- Exceptionally flexible and resilient material assures intimate contact and blanket longevity
- Gas springs ease blanket frame opening and closing
- Unique manifold system provides contact by drawing air through holes in the blanket frame tube

Controller/Integrator

- Computer controlled and fully programmable
- LCD display
- Light integrator ensures exact exposure every time
- Pushbutton control

Design & Construction

- ¼" (6.4 mm) glass thickness
- 1 ½" (3.8 cm) square welded tubular steel vacuum and glass frames
- 39" (99 cm) working height for no-step access
- Easy access to components to clean or replace any serviceable item
- Ergonomic design
- Frame latches made with state-of-the-art material for durability, longevity, and operator comfort

Electrical Requirements

- 110v, 1 phase, 19.2 amps, 50/60 Hz

Exposure Area

- 31" x 40" (79 x 104 cm) maximum screen frame size
- Accommodates one automatic frame or two standard manual frames
- Compatible with the Tri-Loc® Rapid Registration System from M&R

Light Source

- 1200-watt lamp
- Exposes all emulsions: direct, capillary, and indirect
- Instant-start lamp and rapid recovery power supply (U.S. Patent No. 4,339,692) provide shutterless operation
- Instant-start lamp eliminates warmup and idling times, saving energy and reducing heat buildup
- Lamp is easy to access and change via lamp drawer
- Light source delivers fast, efficient exposures
- Point light source holds fine lines and dots
- Shutter-free operation eliminates mechanical complexities

Size

- Floor space requirement: 51" x 44" (130 x 112 cm)
- Vacuum frame size (inside dimensions): 37" x 47" (94 x 119 cm)

Vacuum System

- ½ HP maintenance-free vacuum pump for rapid drawdown
- Air is drawn from entire perimeter of vacuum frame
- Heavy-duty maintenance-free vacuum pump for rapid drawdown
- Vacuum release system (U.S. Patent No. 5,481,333) instantly releases vacuum

Support

- 24-hour hotline

Options & Accessories

Electrical Requirements

- 208/230v, 1 phase, 10.2/9.2 amps, 50/60 Hz

Replacement Lamp

- PD41 (multi-spectrum)

Tri-Loc® Rapid Registration Systems

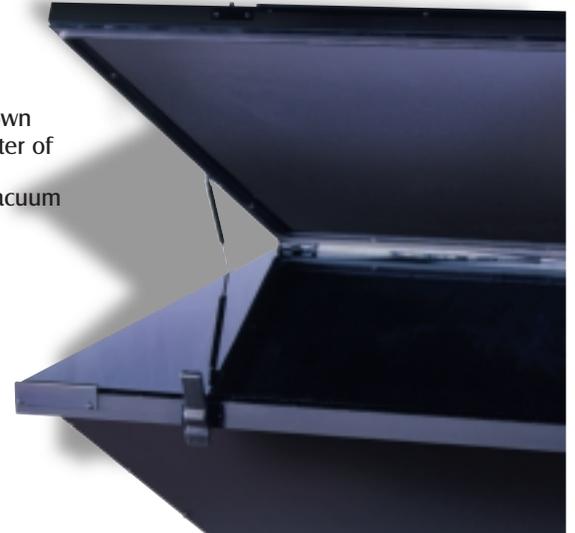
- Dramatically speeds setup

Training

- Access to the M&R/NuArc Training Centers

Warranty

- One-year limited warranty excluding blanket, glass, and lamps



SPECIFICATIONS

Model	Maximum Screen Frame Size	Vacuum Frame Size	Overall Size (H x W x D)	Wattage	Electrical Requirements*	Shipping Weight
MSP 3140	31" x 40" (79 x 104 cm)	37" x 47" (94 x 119 cm)	42" x 51" x 44" (107 x 130 x 112 cm)	1200	110v, 1 phase, 19.2 amps, 50/60Hz	325 lbs (148 kg)

* If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly

* Other voltages are available: Contact NuArc for details

NuArc Company, Inc. is a wholly owned subsidiary of M&R Printing Equipment, Inc. Promotional information in this advertising brochure is believed accurate at the time of publication. However, NuArc and the manufacturer(s) of such products expressly disclaim any liability for damages, whether consequential or incidental, resulting from the purchase, installation, or use of any products or services based upon information depicted herein. The buyer's rights and remedies, if any, are limited solely to those provided in writing by NuArc or the manufacturer at the time of sale. Nothing contained herein shall convey any additional rights to the buyer or impose any additional obligations on NuArc or any manufacturer. LN101402



An M&R Company

www.nuarc.co.kr