



### Screen Exposure Systems

#### Helios T

NuArc's largest textile screen exposure system enables high-volume screen printers to maximize productivity by exposing numerous screens at once. Helios T also offers the ultimate in computerized operation. Three Job Recall keys allow operators to program Helios T to repeatedly perform entire exposure sequences—from automatic door closing through vacuum draw down, screen exposure, vacuum release, blowback, and door opening—at the touch of a single button. Each Helios T model uses a powerful instant-start 6 kW multi-spectrum lamp to speed production while retaining fine lines and dots.

Standard features include improved heavy-duty blanket material, automatic blowback to release vacuum, and a static electricity reduction system. With two standard models and a wide range of custom sizes available, there's a Helios T for virtually any need. Standard models are sized to accommodate maximum screen frame sizes from 152 x 183 cm (60" x 72") to 183 x 244 cm (72" x 96"). All models come with screen-support shelves that allow operators to expose two rows simultaneously. Helios T is an exceptionally fast, quiet, and efficient large format exposure system, with an ergonomic design that's extremely user-friendly.

#### Tri-Light CTS

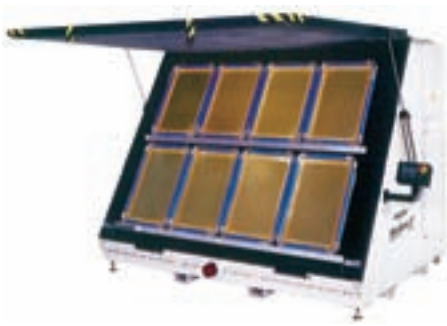
Tri-Light CTS is the dual-purpose version of NuArc's popular Tri-Light ST Exposure System. It produces the same exceptional results on conventional screens, but it also exposes screens that have been generated by a computer-to-screen (CTS) system, making it the logical choice for those using both screen types—and for conventional screen users planning for the future. Tri-Light CTS is also simple to operate. The entire exposure process—from vacuum drawdown (on conventional screens) through screen exposure and vacuum release—is accomplished with a single keystroke.

Tri-Light CTS has two methods of exposing screens. Two outer latches provide access to a conventional glass-and-vacuum blanket capable of handling screens up to 132 x 152 cm (52" x 60"). A center latch bypasses the glass and vacuum in favor of an adjustable CTS rack system for exposing computer-generated screens directly to the light. The separation provided by the rack system eliminates the smearing and distortion that can result from screen-to-glass contact. On conventional screens, NuArc's unique manifold system ensures intimate contact by drawing vacuum evenly around the perimeter of the blanket frame.

#### Tri-Light ST

Tri-Light ST is a larger, shuttered-light version of NuArc's popular Tri-Light Exposure System. With its 132 x 152 cm (52" x 60") maximum screen frame size; fast, powerful light source, and exceptional repeatability, Tri-Light ST is perfect for high-volume operations. NuArc's computerized and programmable integrator/controller ensures precise vacuum duration and lamp output compensation. Tri-Light ST is also simple to operate. The entire exposure process—from vacuum drawdown through screen exposure and vacuum release—is accomplished with a single keystroke.

NuArc's unique manifold system ensures intimate contact by drawing vacuum evenly around the perimeter of the blanket frame. Exposures are powered by NuArc's multi-spectrum metal-halide System 631™, which idles at 1 kW and operates at user-selected settings of 6 kW, 3 kW and 1 kW. The 3 kW and 1 kW settings allow operators to slow down exposures when necessary. They also extend Tri-Light's ability to adapt to future emulsion formulas. Tri-Light ST also features NuArc's exclusive Proportional Temperature Control (PTC). PTC continuously monitors lamp temperature, turning the cooling fans on and off to keep the lamp at the optimum operating temperature. Tri-Light ST can be located in areas housing unexposed screens because the light source and vacuum frame are completely enclosed, and the exposure lamp can't be turned on while the blanket frame is open.





### Tri-Light

Tri-Light features NuArc's patented instant-start power technology, which reduces glass temperature, power consumption, and environmental heating effects. With its 107 x 152 cm (42" x 60") maximum screen frame size; fast, powerful light source; and exceptional repeatability, Tri-Light is perfect for high-volume operations. NuArc's computerized and programmable integrator/controller ensures precise vacuum duration and lamp output compensation. Tri-Light is also simple to operate. The entire exposure process—from vacuum drawdown through screen exposure and vacuum release—is accomplished with a single keystroke.



### MSP 3140

MSP 3140 features NuArc's patented instant-start power technology, which reduces glass temperature, power consumption, and environmental heating effects. With a 79 x 104 cm (31" x 40") maximum screen frame size, it's an ideal choice for those entering automatic printing and for quality-conscious printers in manual environments. MSP 3140 is designed for those seeking superior performance at an affordable price. NuArc's computerized and programmable integrator/controller ensures precise vacuum duration and lamp output compensation. MSP 3140 is also simple to operate. The entire exposure process—from vacuum drawdown through screen exposure and vacuum release—is accomplished with a single keystroke.



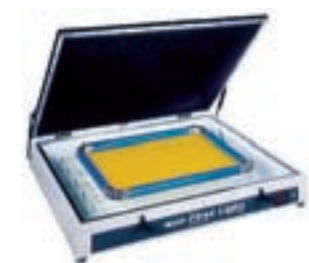
### MSP 2125

The exceptionally affordable MSP 2125 features NuArc's patented instant-start power technology, which reduces glass temperature, power consumption, and environmental heating effects. With a 53 x 64 cm (21" x 25") maximum screen frame size, it's an ideal choice for those who print small substrates, but demand the same high quality found in NuArc's larger exposure units. NuArc's computerized and programmable integrator/controller ensures precise vacuum duration and lamp output compensation. MSP 2125 is also simple to operate. The entire exposure process—from vacuum drawdown through screen exposure and vacuum release—is accomplished with a single keystroke.



### Mega-Light

Mega-Light is the versatile and affordable direct screen exposure system that's perfect for any startup manual screen shop. Available as a tabletop model or as an optional stand-mounted unit, Mega-Light offers a convenient, economical approach to direct screen exposure. Eleven high output UV fluorescent lamps save energy costs and reduce production time. They also expose direct, capillary, and indirect emulsions. Mega-Light's LED timer with digital readout ensures accurate exposure. Two additional lamps allow Mega-Light to double as a light table.



### First Light

First Light is NuArc's versatile and affordable tabletop direct screen exposure system. With its convenient and economical approach to direct screen exposure, First Light is the perfect unit for startup manual screen shops. First Light's five high-output UV fluorescent lamps save energy costs and reduce production time. They also expose direct, capillary, and indirect emulsions.

#### EXPOSURE UNIT RENTAL

REXPOSURE UNIT-HR ..... Rental of exposure unit per hour

#### SCREEN EXPOSURE SYSTEMS

Available by special order. Call 841-7683 for more details.