

SOLARBEAM Tri-Metal Halide **ScreenMakers**

Available in 110 & 208 Volts - 50/60 Hz



- 1 Programmed POINT Light Source
- 1 Focused Prismatic Lens
- 1 Quality Resolution
- 1 Fast Exposures
- 1 Durable Screens
- 1 Available in 10 Sizes to Fit Your Needs
- 1 High Pressure Vacuum
- 1 Deep Draw Blanket
- 1 30 Channel Built In Light Integrator
- 1 Optically Clear Glass
- 1 Nominal Exposure: 15-90 Seconds
- 1 FDA Approved - SAFE!
- 1 Automatic Vacuum/Exposure Sequence



**Looks like a headlight,
works like the sun!**

"The one and only sealed beam metal halide lamp! Produced for Richmond by GE who "brings good things to life."

RICHMOND



MICRO-PERFECT®

RICHMOND
Graphic Products, Inc.



SOLARBEAM

THE FUTURE IS NOW!

SolarBeam® ScreenMakers

ScreenMakers for Every Production Need. Whether you expose 5 screens a day or 500, Richmond's complete line of high quality SOLARBEAM ScreenMakers offers a solution for every type of screen printing shop - from individual retail outlets to high production commercial facilities.

Fast Exposure. The new SOLARBEAM ScreenMakers are fast. Screen mesh color, mesh count, emulsion and film thick-ness will all influence exposure time. However, for guideline purposes, nominal exposure times under ordinary conditions will be less than fifteen seconds to two minutes.

Automatic Vacuum and Exposure. When the start button is activated, the vacuum system comes on automatically and when a correct vacuum pressure is reached, the exposure lamp comes on automatically. When the exposure is completed, the lamp and vacuum pump are switched "off" automatically.

Sharp Screens. The SOLARBEAM sealed beam bulb incorporates a prismatic lens which focuses the total UV output of the lamp in collimation to the emulsion surface. Consequently, light always comes from the same direction throughout the SOLARBEAM exposure. The results are very, very sharp lines and solid half tone dots.

FDA Approved. The SOLARBEAM Tri-Metal Halide printing lamp is the ONLY metal-halide printing lamp that can claim that it is produced in compliance with FDA regulations. SOLARBEAM represents a significant step forward in UV light emission safety.

30 Memory Light Integrator. A fully programmable 30 channel light integrator is built-in insuring absolute repeatability and precise exposures. Up to 30 exposure programs can be stored in the micro processor. For special situations (set up, etc.), an integrator by-pass switch allows you the flexibility to use real time.

Special Vacuum Blanket. A textured, UV inhibited, deep draw blanket has fantastic pure gum elasticity. It quickly molds to the screen shape and with high vacuum pressure, provides perfect contact between the glass, film positive and screen emulsion.

Rotary Shutter. Standard on the SM 7000 and 10000 units, the shutter allows instant power, shorter exposure time and higher resolution screens. The lamp idles at only 400 watts.

More For Your Money. The SOLARBEAM ScreenMakers are the only high quality complete halide exposure systems offered at a rewarding price. State of the art technology, SOLARBEAM tri-metal halide systems make quality resolution screens faster and the cost is less.

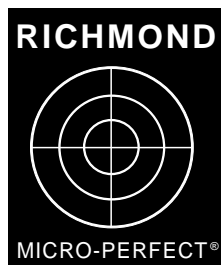
	SCREENMAKERS	Screen Max. O.D.	Ship Wt.	Electrical Info
BETTER!	SMT 2500	28" x 33" / 72x84 cm	460 lbs.	120V-10 amps
	SM 3000	28" x 33" / 72x84 cm	460 lbs.	208/220V - 25 amps
	SM 3000	32" x 43" / 82x109 cm	500 lbs.	208/220V - 25 amps
BEST!	SM 7000*	43" x 62" / 109x158 cm	950 lbs.	208/220V - 25 amps
	SM 7000*	54" x 54" / 138x138 cm	950 lbs.	208/220V - 25 amps
	SM 10000**	54" x 74" / 138x188 cm	1090 lbs.	208/220V - 40 amps
	SM 10000**	54" x 104" / 138x264 cm	1200 lbs.	208/220V - 40 amps

Note : All SM 7000 & 10000 ScreenMakers have instant power shutter technology! *Single shuttered lamp standard on the SM 7000's.
 **Dual shuttered lamps are standard on the SM10000's. All ScreenMakers are single phase electrical - available in both 50/60 Hz.

The Solarbeam ScreenMakers are the industry's leading, high quality exposure systems and they are now available for every level of production. The SMT 2500 & SM 3000's are "BETTER" in quality, performance and price than the competition's. They are loaded with features found on the larger, more expensive models, yet they are sized and priced to offer a perfect solution for start ups and retail shops who want the benefits of a high quality, state-of-the-art metal halide system at a price that fits their budget. The SM7000 & 10000 series are the "BEST" in terms of power and performance for the high volume shops that need instant power! ALL units offer automatic exposure control. Exposures are fast and quality screen resolution is guaranteed!

2 YEAR WARRANTY (Best in the Industry!):

All equipment is warranted for two years provided the appropriate registration cards are completed and returned within ten (10) days of installation, and the defect has not been caused by misuse of the equipment. Except for such replacement, the sale of subsequent handling is without warranty or other liability of any kind. Glass is not under warranty. Bulbs are pro-rated on a 6 month basis. Blankets are pro-rated for 1 year. Light integrators are warranted for 1 year. This warranty provides that all defective parts will be replaced at no charge for 2 years. Labor charges, if any, will be solely at the discretion of the Richmond service department or an authorized Richmond distributor.



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Member since 1984



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