

SOLARBEAM Tri-Metal Halide

DirectJet Screen Burners

Designed for CTS screen imaging...

✓ *No Blanket* ✓ *No Vacuum* ✓ *No Glass* ✓ *No Film*

Expose Screens in Half the Time!



- 1 Point Light Source
- 1 Focused Prismatic Lens
- 1 Quality Resolution
- 1 Super Fast Exposures
- 1 Automatic Exposures
- 1 Light Integrator with 30 Exposure Channels



Since the Richmond DirectJet eliminates the use of film to create screens, there is no need for glass, vacuum pumps, and vacuum blankets to expose screens. Simply place the imaged screen on the frame holder located inside the exposure unit and press the start button!



**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® DirectJet Screen Burners

Fast Exposure. The DirectJet Screen Burners eliminate the glass, vacuum pump, and blanket employed in normal screen exposure systems. And that means faster exposure as each surface of film and glass can absorb as much as 7.5% of the light which passes through it. Couple the 30% decrease in UV exposure time with the elimination of vacuum draw time and your exposure speed can be reduced to almost half the normal time of conventional systems!

Sharper Images. When using film to create screens, light from the exposure will creep around a dot causing "undercutting." With a Richmond DirectJet system, the inked image is actually embedded into the emulsion, making it impossible for light to penetrate under a dot. Now you can hold 2% dots that get blown away using film and create sharper images.

Built In Light Integrator. This allows the operation as many as 30 programs for variations in mesh count, emulsion changes, the number of coats per side, etc., etc. Thirty programs allow the ScreenMaker ultimate control for fine line and dot definition.

Solarbeam Lamp. The Richmond SOLARBEAM Metal Halide lamp built by General Electric is the only focused metal halide lamp built around their patented process. The prismatic lens prevents scattered light from reading the exposure surface. It is the most perfect exposure light available in the industry. Super rich in exactly the UV ranges required for screen exposure with 200% more UV output per watt of energy used, makes exposures "micro-perfect."

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.

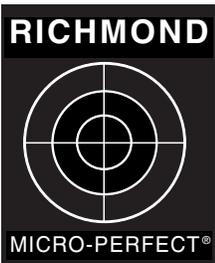
More For Your Money. SOLARBEAM ScreenMakers are the only high quality, complete, multiple point light source metal halide exposure systems available. State of the art, computer balanced, SOLARBEAM tri-metal halide lamps make quality resolution screens faster at less cost than any other exposure systems produced. Period!

SCREENMAKERS □	Screen Max. O.D. □	□ Approx. Ship Weight □
DJB 7000 □	32" x 43" / 82cm x 109 cm □	□ □450 lbs
DJB 7000 □	43" x 62" / 109cm x 158cm □	□ □900 lbs
DJB 10000* □	54" x 74" / 138cm x 188cm □	□ □950 lbs

All DJB ScreenMakers run on 208/220V-10 amps with single phase electrical and 50/60 Hz.
 *Dual SOLARBEAM lamps are standard on the DJB 10000.

2 YEAR WARRANTY:

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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