

# SOLARBEAM Tri-Metal Halide DP/CTS ScreenMaker *Dual Purpose/Computer to Screen*

**The Ultimate Exposure System for Shops Making Screens with Film & CTS!**

- **Dual Exposure System with or without Glass, Blanket & Vacuum**
- **POINT Light Source**
- **FDA Approved - UV SAFE!**
- **30 Channel Built In Light Integrator**
- **EZ Glide Adjustable Rack for CTS Imaged Screens**
- **Super Fast Exposures (Up to 50% faster without the Glass & Vacuum)**
- **Quality Resolution**
- **Durable Screens**
- **High Pressure Vacuum\***
- **Deep Draw Blanket\***
- **Automatic Vacuum/Exposure Sequence\***
- **Optically Clear Glass\***

**\*Key Features for Quality Exposures Using Film**



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# SOLARBEAM

THE FUTURE IS NOW!

## SolarBeam® Dual Purpose / CTS ScreenMakers

**Dual Exposure Capability.** The DP/CTS ScreenMaker offers ultimate flexibility for shops who prepare their screens using both film and a Richmond DirectJet or like CTS system. Screens with film are exposed using the traditional glass and vacuum method. Screens imaged with a CTS system are placed on an EZ glide adjustable rack and then exposed directly to the light, bypassing the glass and vacuum, decreasing exposure times by as much as 50% and eliminating the need for touch-ups.

**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 reaching the exposure surface. Light always comes from the same direction resulting in very, very sharp lines and solid half tone dots. 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."

**Built In Light Integrator.** This allows the operation to store as many as 30 exposure programs for variations in mesh count, emulsion changes, the number of coats per side, etc., etc. insuring absolute repeatability and precise exposures, time and time again.

**Super Fast Exposures** SOLARBEAM ScreenMakers are fast. When making screens with film; mesh count and color, emulsion thickness and film thickness all influence exposure time. However, for guideline purposes, nominal exposure times under ordinary conditions will be 15 to 90 seconds. For CTS imaged screens, this time is decreased by as much as 50%, making exposures SUPER FAST.

**Special Vacuum Blanket** When exposing screens prepared with film, the high pressure vacuum quickly molds the textured, UV inhibited, deep draw blanket with pure gum elasticity to the screen shape ensuring intimate contact between the glass, film positive and emulsion.

**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.

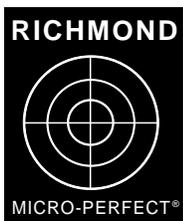
**More For Your Money.** SOLARBEAM ScreenMakers are the only high quality, complete, multiple point light source metal halide exposure systems available. State of the art, computer balanced, SOLARBEAM tri-metal halide lamps make quality resolution screens faster at less cost than any other exposure systems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

SCREENMAKERS	Screen Max. O.D.	Approx. Ship Weight
DP/CTS 7000	32" x 43" / 82cm x 109 cm	625 lbs
DP/CTS 7000	43" x 62" / 109cm x 158cm	995 lbs
DP/CTS 10000*	54" x 74" / 138cm x 188cm	1195 lbs

All DP/CTS ScreenMakers run on 208/220V with single phase electrical and 50/60 Hz. 7000's require 25 amp service, The DP/CTS 10000 requires 40 amp service. \*Dual shuttered SOLARBEAM lamps are standard on the DP/CTS 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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