

# Large Format Exposure Unit **HTE-106S**

The HTE-106S Series large format exposure units offer a 30' x 39' effective exposure area. They are designed to provide precise exposures even under the most demanding circumstances.

The HTE Series units have been installed at some of the largest printed circuit manufacturers in North America.



## FEATURES

- Fast exposure times
- Long lamp lifetimes
- Built in U.V. light meters
- Unique reflector system
- Solidly built
- Low maintenance
- System self-diagnostics
- Adjustable frame cooling
- Programmable integrator
- Lamp hour meter (7K unit)
- Exposure counter

## Specifications

|                          | HTE-106S 3/5KW  | HTE-106S 6/8KW                                     | HTE-106S 7KW  |
|--------------------------|---|--|---|
| Dimensions               | 63" W x 81.5" H x 92.5" D                                   |  | 63" W x 81.5" H x 124.5" D  |
| Electrical               | 200-240 volts, 60 Hz, 1 Phase<br>(480 volts available)      |  | 200-240 volts, 60 Hz, 3 Phase<br>(480 volts available)                      |
| Compressed air           | N/A   |  | 85 PSI - 1-2CFM   |
| Clearance around machine | 24" minimum   |  |   |
| Max. panel size          | 32" x 40"   |  |   |
| Effective exposure area  | 30" x 39" (x2 Mylar vs. glass)                              |  |   |
| Lamps                    | 2 -5Kw Mercury Vapor<br>Switchable between 3K & 5K          | 2 -8Kw Mercury Vapor<br>Switchable between 6K & 8K | 2 -7Kw Metal Halide<br>*Optional 5/7K switchable lamp                       |
| Lamp Cooling             | Closed loop internal water cooling                          | Closed loop internal water cooling                 | Internal/external air/water cooling with in-unit Refrigeration System       |
| U.V. Intensity           | >8Mw/cm <sup>2</sup>  | > 12 Mw/cm <sup>2</sup>                            | > 25 Mw/cm <sup>2</sup><br>*(with 5/7K option: > 18 Mw/cm <sup>2</sup> @5K) |
| Exposure Uniformity      | >80%  |  |   |
| Exposure Control         | INT-914M Programmable 4-Channel Integrators/U.V. Meters(x2) |  |   |
| Exposure frame cooling   | Air cooled by fan   | Air cooled by fan                                  | Built-in chiller (2.2Kw) water cooling system                               |
| External water           | N/A   |  | 8 gpm at 59° - 68°F   |
| Ventilation:             | Normal Room Ventilation                                     |  |   |
| Weight:                  | 1874 lbs.   |  | 2866 lbs.   |

**CHRISTOPHER**

Christopher Associates Inc.  
3617 W. MacArthur Blvd., Ste. 507  
Santa Ana, CA 92704  
Tel: (714) 979-7500  
Fax: (714) 557-6904  
www.christopherweb.com