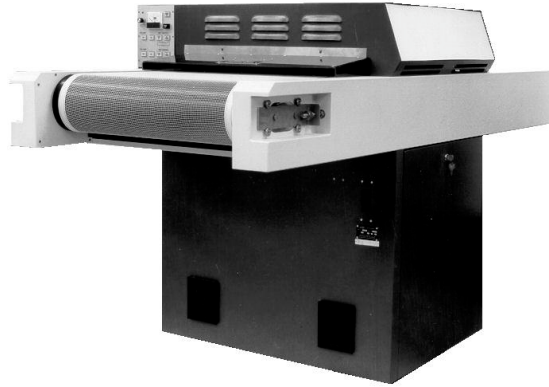


## Product Details - Ultra-Violet Processing Line

---

### PC7100 Single Side UV Processor Series



The PC7100 single sided UV curing systems are designed to expose photoimageable materials to intense UV energy. The UV energy is provided by employing medium pressure mercury vapor lamps above the conveyor. Lamp intensities of 200 watts per inch and 300 watts per inch are available with 2 or 3 lamp arrangements. Lamp energy is application dependent, but the standard equipment includes 2 lamps are 200 WPI each.

An optional water cooling system is available for exposing products that require a low surface temperature be maintained. The water cooling system supplies an IR filter which consumes IR emissions at the source, thereby reducing effective surface temperatures. The filtration system includes a water jacket type arrangement that provides a wall of water surrounded by two walls of quartz glass. The water is cooled in a self contained cooling system and recirculated in a closed loop fashion.

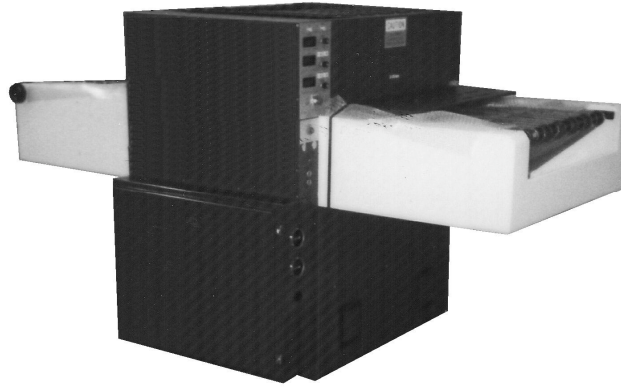
#### Key Benefits:

- **WATER COOLING SYSTEM:** Provides a means to maintain low surface temperatures during ultraviolet exposure.
- **CONVEYOR STOP ALARM:** Provides an alarm and interlock system to disable all UV sources in the event of conveyor stoppage.

## Product Details - Ultra-Violet Processing Line

---

### PC7700 Double Side UV Processor Series



The PC7700 double sided UV curing system is designed to expose photoimageable materials to intense UV energy. By producing exactly matched energy above and below the conveyor belt, the machine increases productivity by requiring only one pass through the system relative to single sided UV curing systems. An extra degree of freedom is added to the UV curing process by the Argus patented 'Variwatt' UV control system. This system allows complete adjustment of UV intensity from 50% to 100% power in approximately 1% increments.

An optional water cooling system is available for exposing products that require a low surface temperature be maintained. The water cooling system supplies an IR filter which consumes IR emissions at the source, thereby reducing effective surface temperatures. The filtration system includes a water jacket type arrangement that provides a wall of water surrounded by two walls of quartz glass. The water is cooled in a self contained cooling system and recirculated in a closed loop fashion.

#### Key Benefits:

- **WATER COOLING SYSTEM:** Provides a means to maintain low surface temperatures during ultraviolet exposure.
- **CONVEYOR STOP ALARM:** Provides an alarm and interlock system to disable all UV sources in the event of conveyor stoppage.