

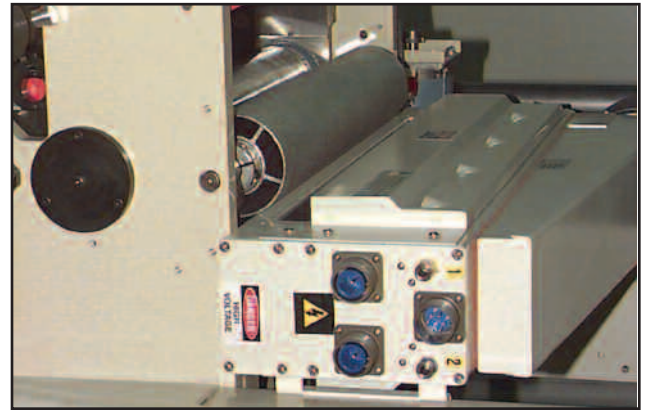


## Aetek UltraPak™ Shuttered UV Systems

**Aetek UltraPak™ Shuttered UV Systems** use high performance optics that optimize UV output, thus utilizing your presses' full mechanical capability and ensuring the successful curing of UV inks, varnishes, laminating adhesives and coatings at all printing speeds. The UltraPak family of products includes lamp sizes from 6" to 34" wide in order to accommodate all narrow- to mid-web requirements.

### Applications

UltraPak systems are used for flexography, web offset, rotogravure, rotary screen, ink jet and variable data (D.O.D.) processes; as well as for laminating, converting and adhesives applications.



### Benefits/Return On Investment

- Enhanced productivity as minimal cleaning is required between jobs
- Inks and coatings stay "open" until exposed to ultraviolet radiation
- Improved print quality through high resolution images and near perfect tone reproduction
- EPA-recommended, Green, Best Available Control Technology (BACT) allows you to be environmentally responsible
- Open new markets and build existing business around high performance inks and coatings

### IMC Multi-lamp Power Supply Cabinets

For multi-lamp installations (2-14), individual power supplies are consolidated into Integrated Modular Cabinets (IMC) that feature state-of-the-art TSI-100 membrane touch pads and display the status of the entire system. Because microprocessor control for up to 14 lamps is the heart of the IMC cabinet system, in-field upgrades up to 14 lamps require no additional programming or memory upgrades that are costly and time consuming requirements of most other PLC-based systems. Our IMC cabinets integrate seamlessly with existing controls.



# Aetek UltraPak™ Shuttered UV Systems

## UltraPak Specifications and Components:

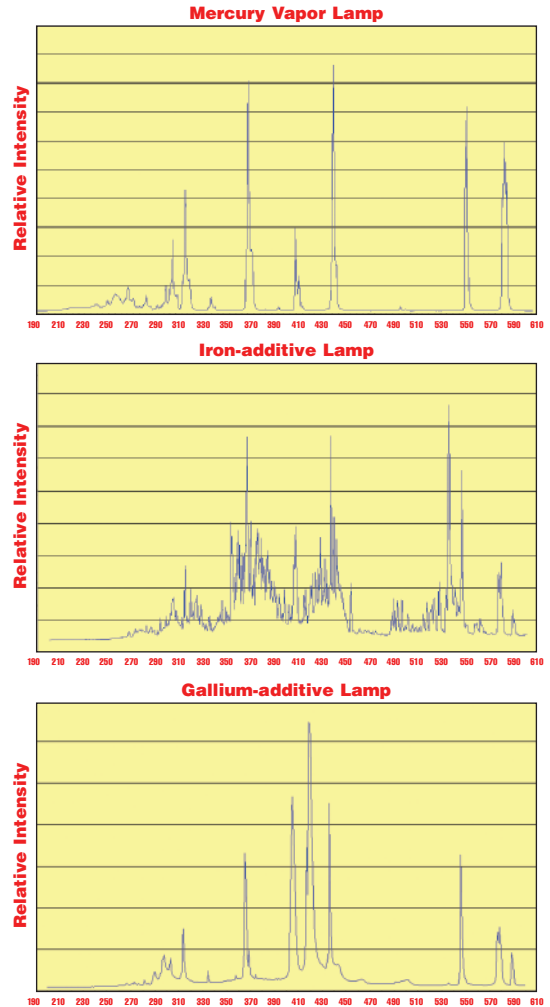
- Standard lengths from 6" to 25"; custom lengths available up to 34"
- Highly focused irradiator maximizes output to allow faster press speeds
- 400 W/inch medium pressure mercury lamps are standard; metal halide lamps available to suit chemistry needs
- Polished aluminum, user-replaceable reflector liners are standard; dichroic-coated liners available for heat management
- "Hot Mirror" quartz filters available for heat reduction on sensitive substrates
- Individual exhaust air controls
  - 3-step preset variable frequency drive is standard
  - Thermal feedback, variable frequency, drive monitors are available to exhaust temperature and adjust air flow for optimal cooling
- Integrated Modular Cabinet (IMC) power supply enclosures – expandable in the field from 2 to 14 lamps
- Easy access inner-lamp module enables simple maintenance
- Robust design offers multiple safety interlocks for operator safety
- Press-specific housing design for narrow web presses includes light shielding
- Voltages: single or three-phase
  - 208, 220, 230-240, 460-480; 60Hz
  - 220, 240, 380, 400, 415, 440; 50Hz
- Operator controls
  - Single lamp – TSI-50 hand held remote
  - Multi-lamp – TSI-100 or PLC w/touch screen

**TRAINING:** Complete in-house or on-site customer training programs are available to help familiarize operators with the safe use of equipment.

**SAFETY AND RELIABILITY:** All systems are fully interlocked and designed to ensure the highest level of operator safety. All systems are fully assembled and tested prior to leaving the factory to ensure years of reliable operation.

**CUSTOM ENGINEERING:** Our experienced project teams and customer service technicians are available to help with special operating situations, and for custom-engineered projects.

## SPECTRAL OUTPUT



## ULTRAPAK SYSTEM CONFIGURATIONS

Arc Length (inches)	Max. Recommended Cure Width	Lamp Housing Dimensions (LxW)	Individual Power Supply Dimensions (WxHxD)
6	4	12½ x 5½	19x15x26
9	7	15½ x 5½	19x15x26
12	10	18½ x 5½	19x15x26
15	13	21½ x 5½	19x15x26
18	16	24½ x 5½	19x15x26
20	18	26½ x 5½	19x15x26
23	21	29½ x 5½	19x15x26
25	23	31½ x 5½	19x15x26



**American Ultraviolet**  
**AETEK UV SYSTEMS DIVISION**

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