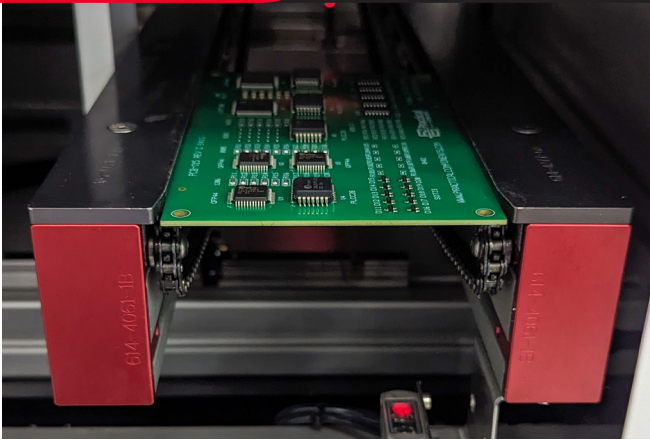![PVA logo]

INNOVATION. PRECISION. EXCELLENCE.

System Specifications

Lamps
Fusion® UV lamps by Heraeus
300 watt/in mercury bulb
8,000 hour bulb life guarantee

UV Beam Widths
167.64 mm, 335.28 mm, 502.92 mm
(6.6 in, 13.2 in, 19.8 in)

Conveyor Speed
0.305 m/min to 5.8 m/min
(1 ft/min to 19 ft/min)

Working Width
50 mm to 500 mm
(1.97 in to 19.69 in)

Lamp Height
51 mm to 152.4 mm above conveyor
(2 in to 6 in above conveyor)

Conveyor Height
890 mm to 965 mm from floor
(35.04 in to 38 in) (SMEMA)

Exhaust
Minimum 600 CFM for top and bottom side lamps*
Includes low level flow alarm

Power Requirements
220V, 230V, 380V, 400V – 50 Hz
208V, 220V, 230V, 240V – 60Hz

Certification
CE certification available

Spectra
Ultraviolet Light Curing System

Spectra features Fusion® UV lamps by Heraeus to initiate fast ultraviolet light polymerization of adhesives and coatings in an efficient inline process. Various beam widths are available to accommodate a wide range of substrate dimensions.

Spectra comes complete with:

- OIT touch screen interface
- Single or double-sided processing
- Dual zone conveyor with configurable cure and transfer speeds
- SMEMA edge carrying chain conveyor
- SMEMA communications interface
- Maximum 4 in top and bottom side component clearance
- Standard hand crank conveyor adjust and optional automatic conveyor width adjust
- Fully enclosed for clean and quiet operation
- Large access doors to all critical areas
- Inlet air filtration system
- Rail expansion compensation

Optional UV Monitoring
Prevent failed parts and predict UV bulb wear with optional UV monitoring. This sensor measures relative UV intensity and compares it with the new bulb peak output or an intensity tolerance configured by the user.

- Available in broad spectrum and LED wavelengths**
- Provides historical data when combined with data logging option***

For more information, please contact PVA at info@pva.net or contact your local representative.

Note: Separate exhaust connections for top and bottom side lamps

**Application Dependant*

***Requires PVA Portal Controls Upgrade*

65 in
1651 mm

62.4 in
1584.6 mm

35 in
889 mm

65.4 in
1661.16 mm

38 in
965.2 mm

Exhaust flange
6 in diameter

42 in
1066.8 mm