Basic Operation of the Visual Inspection Box: 4/3/2014 BW

The inspection box uses a high-watt halogen bulb. The bulb is not wavelength shielded, therefore this box should not be used to inspect anything that is photosensitive.

1. Turn on power to the unit by turning on the power strip that is attached with cable ties to the rear of the metal table.

2. Hold your substrate at an angle so that you can catch the surface in a view that is very steep, just glancing almost parallel to the surface, and so that the background of your view is the black plastic wall of the box.

3. Step on the foot pedal on the floor to turn on the halogen light inside the top of the box.

4. If you see surface debris, attempt to blow off the debris with the deionized blow off nozzle on the wall opposite the inspection box. Inspect again and if debris has been successfully removed, the plates can be sent through further processing. If not, and if further attempts at blowing off debris does not work, substrates will need to be sent through a full wet cleaning process again.

5. When finished, turn off the main power strip.

For any questions or issues, contact Bentley Wall 330-221-7048 cell