

NOTICE:

This system is supplied with a UVB arc lamp. In order for the full range of short wavelength light to be transmitted to the target substrate, the unit's shortwave glass filter must be removed.

The lamp head's filter glass can be removed as follows:

WARNING: To avoid coming in contact with dangerous high voltages or high temperatures, the following power down & cooling procedure must be completed before attempting any maintenance operations on the UV lamp head: *Turn off the Input Power Switch at the rear of the Lamp Housing, and unplug the power cord from the Input Power Receptacle. Wait a minimum of 15 minutes for the lamp and other hot components to cool back to room temperature before proceeding with any maintenance operations.*

1. Remove the Lamp Housing Assembly from its stand or fixture, and place it upside-down on a soft clean surface.
2. Remove the two thumbscrews from the front edge of the Lamp Access Panel, and carefully slide the panel forward, out of the slots in the rear of the Lamp Housing. Place the Lamp Access Panel and glass on a soft clean surface.

CAUTION: It is extremely important to avoid touching (with your hand) the filter glass, aluminum reflector, and the glass portion of the lamp. Contaminants from your skin will cause oxidation of the reflector, and unwanted refraction of light through the contaminated portion of the filter glass and lamp. These contaminants may also cause localized hot spots on the quartz envelope of the lamp, which could result in premature lamp failure. Cotton gloves or a soft cloth should be used when handling or cleaning the Filter Glass, Reflector, and Lamp.

3. Remove the four screws and Teflon straps which hold the glass to the unit's Lamp Access Panel. Wrap the filter glass in soft paper and store in a safe location for possible future use.
4. Replace the four screws and Teflon straps into the Lamp Access Panel.

NOTE: In order to insure proper shutter movement for IntelliRay systems, the Teflon bearing straps must be in place during operation.

5. Re-install the Lamp Access Panel, and tighten both thumbscrews.
6. Mount the Lamp Housing back on its stand or fixture, and reconnect the input power cord.