

FAQ'S

Xcel Slit Lamps

What bulb do I use on my slit lamp?

- XL200, XL250, XL300, XL400, XL700
2-pin (original style) = Reichert P/N 12563
Flange style (current style) = Reichert P/N 12588
- XL255
Flange style = Reichert P/N 15121

How do I adjust the focus on my slit lamp?

- Before examining a patient it is essential that the eyepieces are correctly set for your own refractive state. Because the eyepieces are mounted convergently, this setting will be at a more myopic point than expected. Since no cross lines are provided within the microscope, the focussing rod, which was shipped with the slit lamp must be used. Install the focusing rod in place with the flat side toward the microscope. The slit beam should be directed to the center of the flat face of the rod and set at about 1-2 mm in width. The eyepieces should be set individually by focussing on the slit image moving the eyepiece from the positive side of the scale and stopping at the point at which the image *first* appears sharply focussed, thus avoiding stimulating accommodation. You should then note the setting on the eyepiece scale and always use this setting when using the slit lamp.



What is the red-free filter used for?

- The red-free filter is used to increase the contrast of the image in certain situations. Red light is blocked so objects that are totally red will appear to be black.

What is the cobalt blue filter used for?

- The cobalt-blue filter is used to excite fluorescein dye used in certain techniques. (contact lens fitting, observing corneal abrasions, etc.)

What is the neutral density filter used for?

- The neutral density filter is used to reduce the intensity of the illumination without changing the color temperature.

What is the heat absorbing filter used for?

- The heat absorbing filter blocks infra-red light to prevent excessive heating of the area under illumination.

Why does the base not move in and out or left and right?

- The lock screw is tight on the base. The lock screw is a black knob located on the right side of the base over the bearing tube.
- The bearing tube is damaged or the bearings are seized up.



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