



Warning – Refer to Safety Precautions Booklet 035-00636R for all safety precautions prior to use.
User Guide 035-00327R download: <http://www.excelitas.com/Pages/Product/X-Cite-120Q.aspx>

Start Up

1. Install the lamp module (see side 2).
2. Install the light guide (see below).
3. Plug the unit into a properly grounded AC outlet.
4. Turn on the Power switch at the front of the unit.
5. The lamp will automatically strike when power is turned on to the unit.
Warning: UV light and high levels of visible light will be emitted from the end of the light guide !
6. Allow the lamp to warm up (approximately 90 seconds). During the warm up period the LCD display will flash and the lamp indicator symbol in the display window will illuminate.

Installing the Light Guide

1. Remove the protective end caps from the light guide
2. Insert the light guide into the light guide port on the rear panel until it seats with a positive click (up to the "A" line printed on the grey ferrule).
3. Insert the light emitting end of the light guide into the collimating adapter after it has been installed on the microscope.

Viewing the Accumulated Lamp Hours

The accumulated lamp hours are continuously shown on the LCD display on the front panel of the unit. The lamp hours are automatically updated.

Setting the Intensity Level with Iris Adjustment (Optional)

1. If your X-Cite 120Q system includes the optional iris adjustment, then it is possible to manually change the amount of illumination out of the unit.
2. Turn the iris adjustment wheel **upward** or **downward** to increase or decrease the light output. The notch in the iris adjustment wheel shows the current setting of the iris. The iris adjustment includes 5 different illumination settings: 0%, 12%, 25%, 50% and 100%.
(Note: No light will be emitted if 0% is selected)

REGULATORY (refer to user guide for complete details)

Product Safety and Electromagnetic Compatibility

The X-Cite 120Q has been tested and found to comply with product safety and electromagnetic compatibility requirements. For a complete list of tests and for certification details, please contact your X-Cite representative or visit <http://www.excelitas.com/Pages/Product/X-Cite-120Q.aspx>.

CE Marking



- Council Directive 2014/35/EU Low Voltage Directive
- Council Directive 2014/30/EU EMC Directive
- Council Directive 2012/19/EU WEEE Directive
- Council Directive 2011/65/EU RoHS



WEEE Directive



China RoHS



RoHS



FCC



WARNING: Never look into the light emitting end of the light guide! The light could severely damage the cornea and retina of the eye if the light is observed directly. Eye shielding must be used at all times as well as clothing to protect exposed skin. Refer to user guide for more details.

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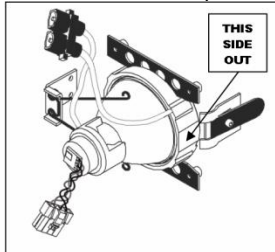


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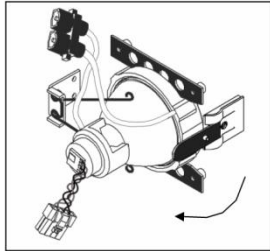
Installing the Lamp Module

1. Be sure the AC power cord is disconnected from the unit.
2. Remove the screw from the lamp access side panel using the 3mm hex tool located on the bottom of the unit and remove the panel from the unit cover.
3. Open the Lamp bracket arm by pulling towards you and to the right.
4. Carefully remove the lamp module from its container, holding only the ceramic components.

Caution: Do not touch the bulb's glass envelope or the inside surface of the reflector. Skin oils can cause the lamp module to fail prematurely.

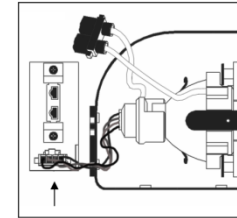


5. With the lamp facing towards the rear of the unit and "This Side Out" label facing out, position the lamp so that the two leading edges of the lamp ceramic mount slide into the groove of the lamp bracket. The middle of the lamp should be in position to fit into the spring clamp.

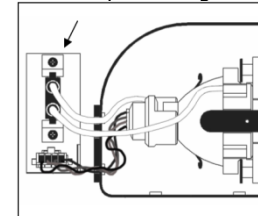


6. Slide the lamp all the way in so that both leading edges of the lamp ceramic mount are in the upper and lower grooves of the lamp bracket. The middle of the lamp will snap into the spring clamp.
7. Close the Lamp bracket arm by pushing it in and to the left.
8. Insert the 4-pin Intelli-Lamp connector into its mating receptacle on the lamp housing wall as illustrated below.

Tip: the Intelli-lamp connector will only attach in the correct orientation. If you are having difficulty inserting the connector, try rotating it by 180°.



9. Attach the 2-pin Lamp Power connector to its mating receptacle on the lamp housing wall as illustrated below.
10. Insert the Intelli-Lamp lead harness and the 2 Lamp Power leads into the alignment grooves on the lamp housing as illustrated below



11. Replace the lamp access side panel and tighten the fastening screw.
Note: if the lamp is not properly installed, the "bulb" message will display and the lamp will not strike.