SO-850
slit lamp module

Instructions for use & Warranty

CE

Version 2.0

Introduction

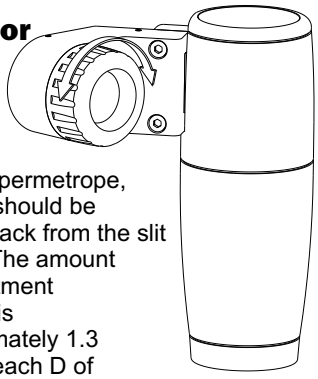
Thank you for choosing the SO-850 portable slit lamp module. This module will produce a slit of light suitable for corneal inspection when mounted to a Welch Allyn 3.5V power handle. Please read these instructions carefully to ensure the best performance of the slit lamp.

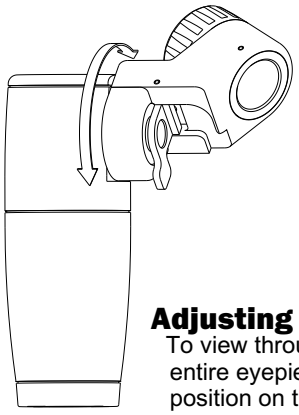
Using the slit lamp

Fix the slit lamp head to the power handle and switch it on in the normal way. Grip the battery handle and look through the eyepiece at a fixed object approximately 25mm from the front of the eyepiece. Rotate the handle until the slit comes in to view. You should be able to focus on the object at the same time as observing the sharply defined slit. If the slit is out of focus when the object is focused, or vice-versa, you will need to adjust the eyepiece to compensate for your refractive error.

Adjusting for refractive error

Simply rotate the knob to move the eyepiece in or out. For a myope, the eyepiece cell should be further forward.





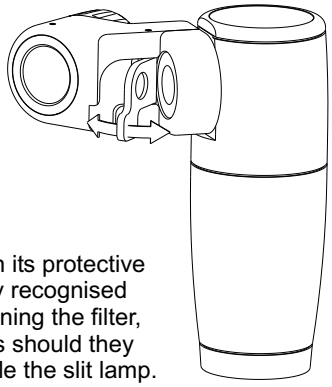
For a hypermetrope, the cell should be further back from the slit image. The amount of adjustment needed is approximately 1.3 mm for each D of refractive error.

Adjusting for left/right viewing

To view through the other eye, simply rotate the entire eyepiece/filter assembly until it clicks into position on the other side.

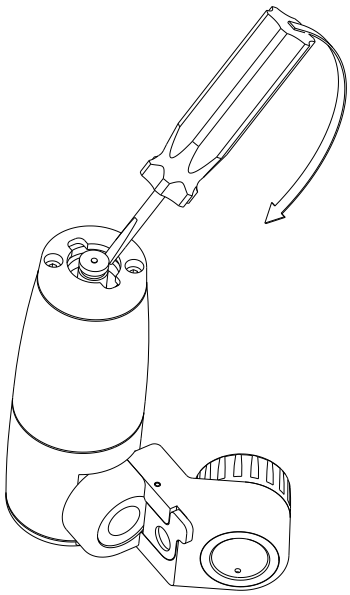
Cobalt blue filter

Use the filter when viewing eyes which have been administered with fluorescein. To engage the filter, simply flip it into position in front of the slit projection lens



Maintenance

Always keep the slit lamp head in its protective pouch when not in use. Use only recognised optical cleaning products for cleaning the filter, eyepiece lens and projection lens should they become dirty. Do not disassemble the slit lamp.



Changing the lamp

To replace the lamp, first lever out the old lamp gently with a small flat-bladed screwdriver. Carefully line up the locating pin of the new lamp with the slot in the lamp holder, then push it in to bottom of the hole. The lamp will protrude slightly from the bottom of the slit lamp when it is in place correctly. Do not force the lamp. Always hold the lamp by its side - fingermarks on the glass envelope will leave an oily residue which can produce uneven heating within the lamp and reduce lamp life. Use only SO-851 replacement lamps.

Specifications

Viewing system	Monocular
Magnification	6 x
Viewing angle	35° left or right
Working distance	40mm from eyepiece lens 25mm from front of eyepiece
Slit aperture	0.4 x 12mm
Filter	Cobalt blue, selectable
Lamp type	3.5V 0.8A Order code: SO-851

Warranty

This equipment is manufactured to provide reliable service and is warranted to be free from defects of material and construction at the time of purchase. Should the instrument require repair or service due to faulty parts or labour during the period of three years from the date of purchase, this repair will be carried out by Eye4Vision or its agents free of charge.

Terms and Conditions

This warranty will not apply if a defect is caused:
during shipping or transit,
by humidity or dampness,
by operation on a supply voltage other than as specified in the instructions,
by alteration or repair by anyone other than a person authorised by Eye4Vision, or by any other misuse, accident or neglect.

Service and Repair

In the case of a warranty claim Eye4Vision should be immediately contacted, either directly or through the agent, distributor, donor or supplier of the equipment. You may need to provide copies of the purchase or delivery documents, as well as the serial number of the slit lamp.
Eye4Vision will then send instructions regarding the repair, replacement or return of the equipment.
When freight is arranged by Eye4Vision or its agent, the cost of the freight will be accepted by Eye4Vision: all other freight costs are the responsibility of the purchaser.

Contact

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