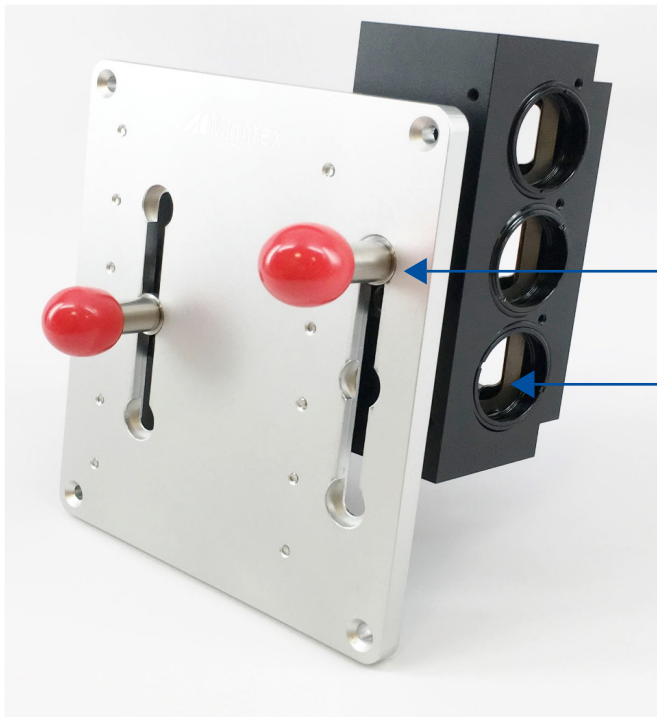


OASIS Implant Filter Installation Guide

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Filter Positions



- Filters for UPPER knob position go into BOTTOM filter holder.
- Filters for middle knob position go into middle filter holder.
- Filters for LOWER knob position go into TOP filter holder.

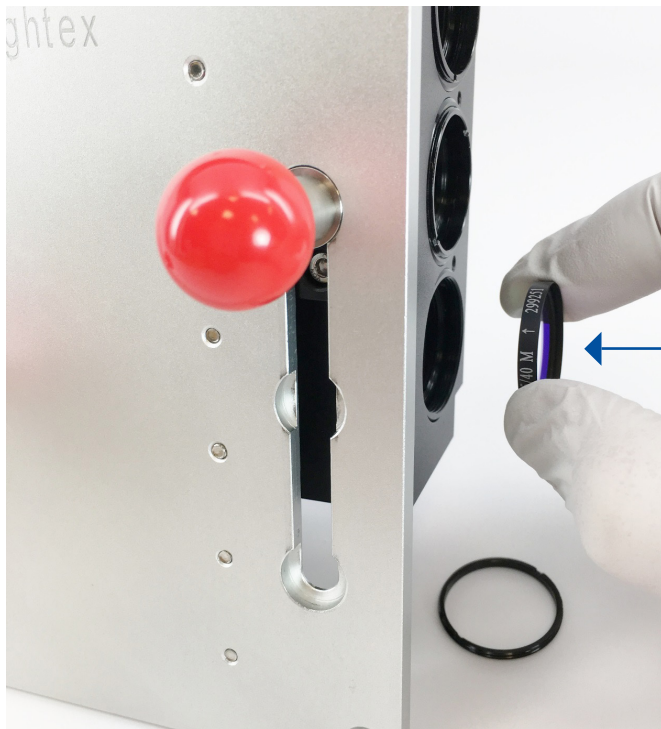
Excitation Filter



- Excitation filter goes into the back port.
- Caret on the filter points inside the filter holder.
- Fix the filter with the locking ring.
- Carefully make sure the filter is centered so that there is no gap between the locking ring and the filter ring. Air gap will leak unfiltered light to the specimen.

Caret pointing inside the filter holder

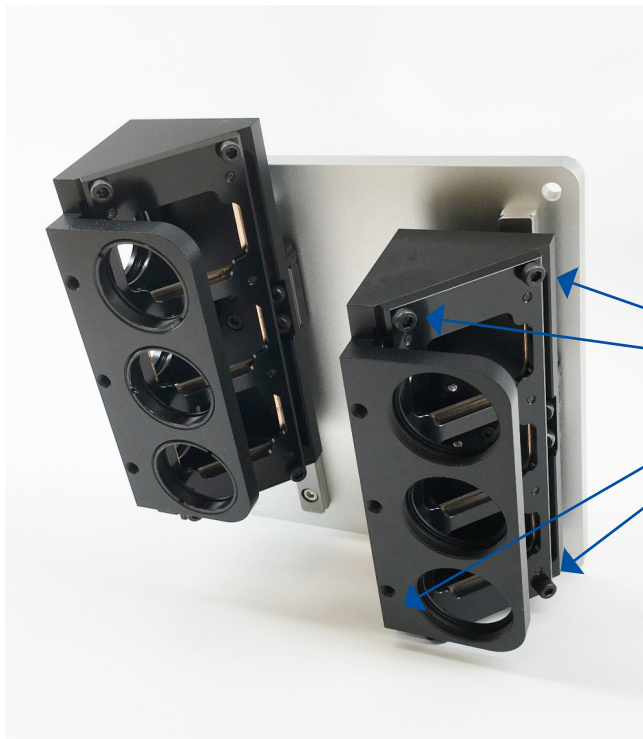
Emission Filter



- Emission filter goes into the side port.
- Caret on the filter points inside the filter holder.
- Fix the filter with the locking ring
- Carefully make sure the filter is centered so that there's no gap between the locking ring and the filter ring. Air gap will leak unwanted light into the camera.

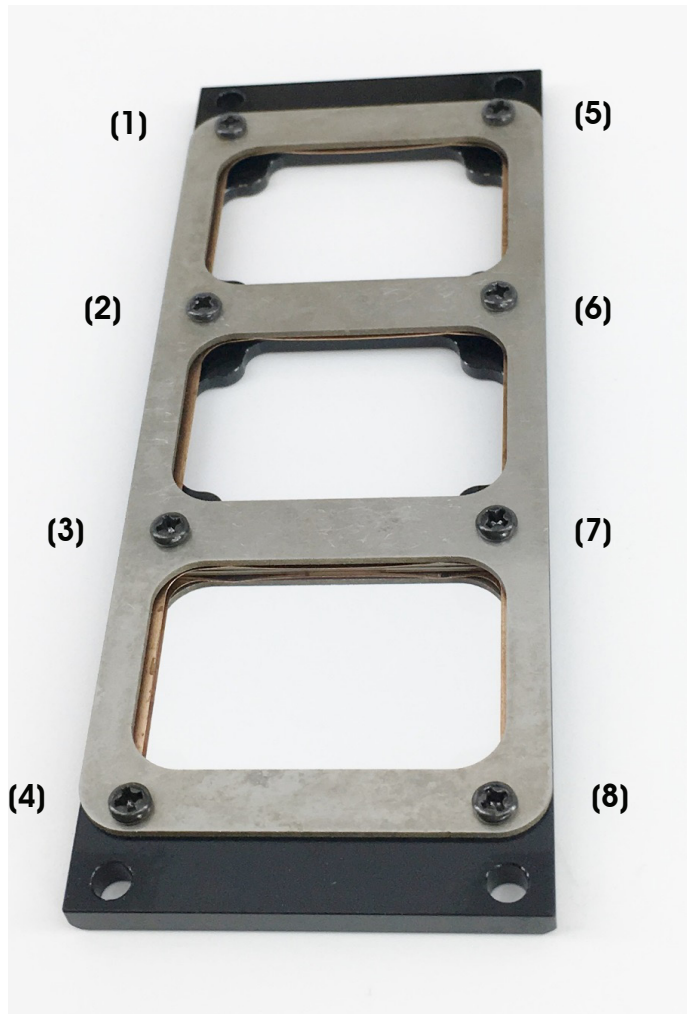
Caret pointing inside the filter holder

Dichroic Mirror/Beamsplitter



Remove 4 screws securing the dichroic carrier.

Dichroic Mirror/Beamsplitter



Remove cover plate on top of dichroic holder by removing 8 screws.

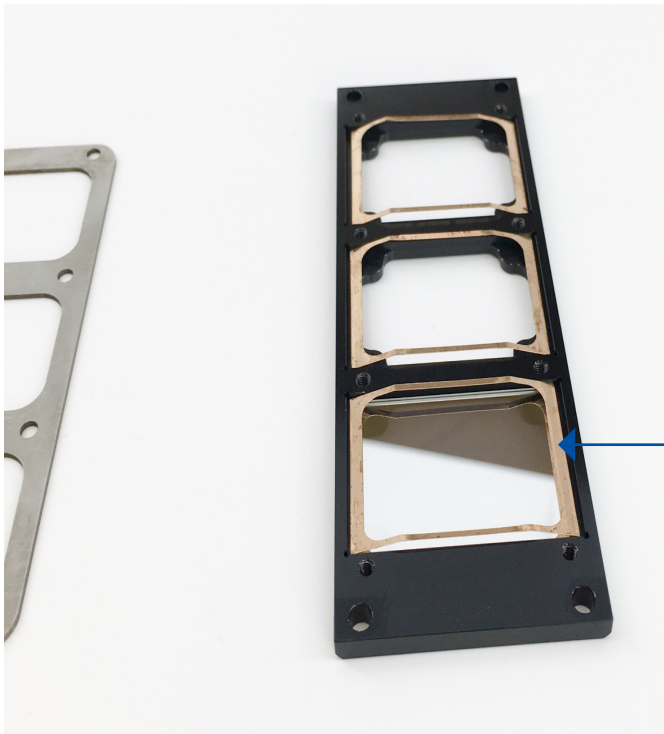
Dichroic Mirror/Beamsplitter



- Place dichroic in the dichroic holder with caret on the sidewall pointing down.
- If there's no caret on the side wall, make sure the coating side is pointing down.

Caret pointing down

Dichroic Mirror/Beamsplitter



- Place spring frame on dichroic.
- Make sure spring frame straddles the dichroic.

Spring frame

Dichroic Mirror/Beamsplitter



- Place cover plate on top of dichroic holder.
- Fix the cover with 8 screws.

Dichroic Mirror/Beamsplitter



Correct. Dichroic cover facing inside.



Incorrect. Dichroic cover facing outside.

Contact Us

US Office

1241 Quarry Lane, Suite 105
Pleasanton, CA 94566
United States
925-218-1885

Canada Office

111 Railside Road, Suite 201
Toronto, ON M3A 1B2
Canada
416-840-4991

sales@mightex.com

www.mightexbio.com

