

Fida 1

Detectors Switching Instructions



Eye protection **must** be worn when handling the capillary.

Removing the detector

First, bring the trays in capillary alignment position, turn off the detector, remove the ethernet cable and power cable. Open the capillary cover. Then:

STEP 1

Loosen the capillary fixation nuts and the screw on top of the cell support. Pull out the capillary from the capillary sealings.



STEP 2

Apply a firm pressure at the end of the fibre connector. It may be necessary to pull at the back end of the fibre connector housing. **DO NOT** pull on the fibre cable.



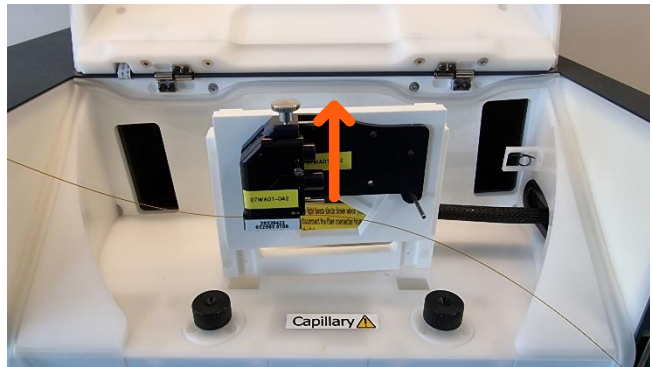
STEP 3

Place the fibre connector housing behind the cell support.



STEP 4

Slide out the front part of the cell support and remove it from the capillary compartment.



STEP 5

Release the outer capillary housing seal.



STEP 6

Release the inner capillary housing seal by applying pressure from the outside.



STEP 7

Slide the inner seal out through the holes.



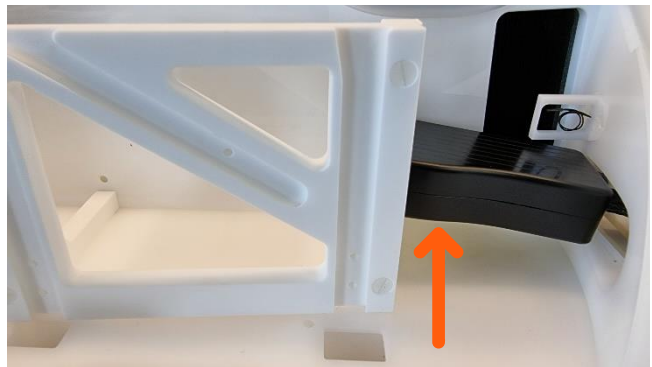
STEP 8

Turn the fibre connector housing like this.



STEP 9

Elevate the fibre connector housing slightly to get it past the cell support and slide it out through the holes of the capillary compartment.



Mounting of the detector

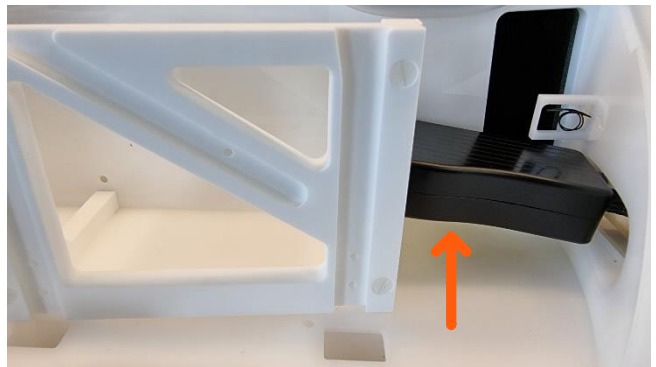
STEP 1

Position the fibre connector housing this way and slide it through the holes of the capillary compartment.



STEP 2

Elevate the fibre connector housing slightly to get it past the cell support.



STEP 3

Slide the inner seal through the holes to the capillary compartment.



STEP 4

Put the inner seal in its position.



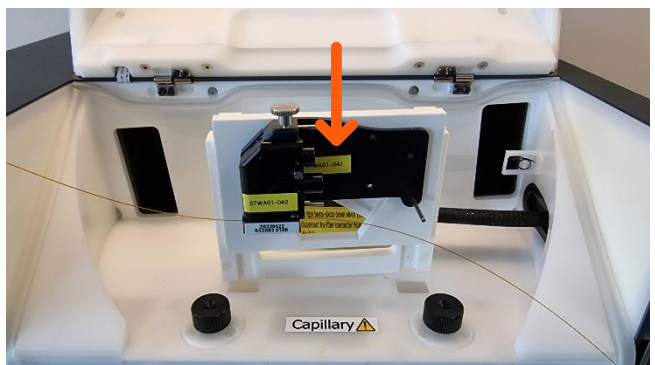
STEP 5

Put the outer seal in its position.



STEP 6

Slide the front part of the cell support in place.

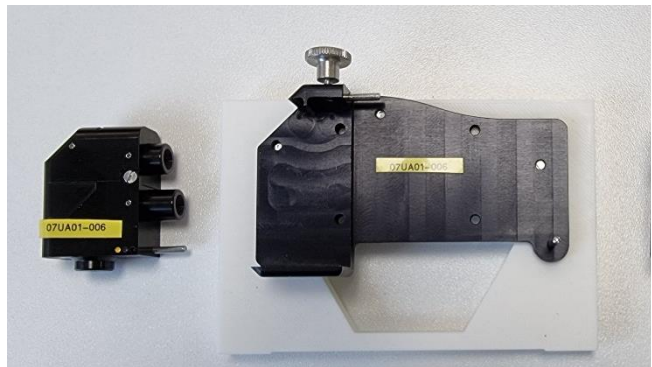


Important!

The optical head and the back plate with holder follow the detector. The optical head is colour coded with three dots on the front depending on the wavelength.

480 nm: yellow – grey – black.

275 nm: red – purple – green.



STEP 7

Move the fibre holder housing to the front and slide it onto the pins.



STEP 8

Press the fibre holder housing and the optical head firmly together.



If not already in capillary alignment position. Press the capillary alignment in the instrument software. Put the capillary in place.

Contact

Fida Biosystems ApS

Generatorvej 6

2860 Søborg, Denmark

Tel.: +45 53 72 78 70

E-mail: support@fidabio.com