Automated Micromanipulator –

Getting Started

1. Check your shipment of the **AM** for completeness:

- 1 x Manual micromanipulator
- 1 x Linear stage with attached tilting platform
- 1 x Profiling Studio software (CD)
- 1 x Power adapter
- 1 x USB to serial-mini cable
- 1 x 7-port USB 2.0 hub
- 3 x Country adapters (UK, US, AU)
- 1 x Power strip with overvoltage protection
- 1 x Clamp for bare fiber microsensors
- 1 x Knurled screw (M6)
- 2 x Allen-socket screws (M6)
- 1 x Allen key (size 4.0)
- 1 x Key for knurled screw

2. Install the PreSens Profiling Studio software on your PC / notebook. Follow the onscreen instructions of the installer.

3. Fasten the micromanipulator to the linear stage with the two Allen-socket screws using the Allen key.

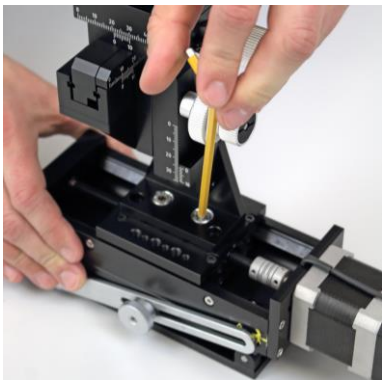

Fig. 1: Attach the micromanipulator to the linear stage.

4. Loosen the locking screws of the tilting platform, tilt the AM and place it sideways so the knurled screw fits through the drill hole underneath. Attach the screw to a nut clock or M6 thread in your micromanipulator stand and tighten it with the respective key.

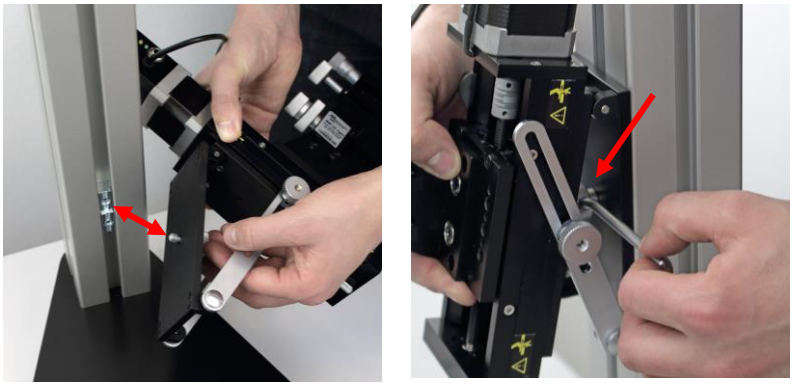

Fig. 2: Mount the AM to your micromanipulator stand.

5. Insert the red power adapter plug in the power connector on the AM and connect the power adapter to the power grid. Connect the USB cable of the AM to the USB hub delivered with the AM. Connect the USB hub to your PC / notebook and its power adapter to the power grid.

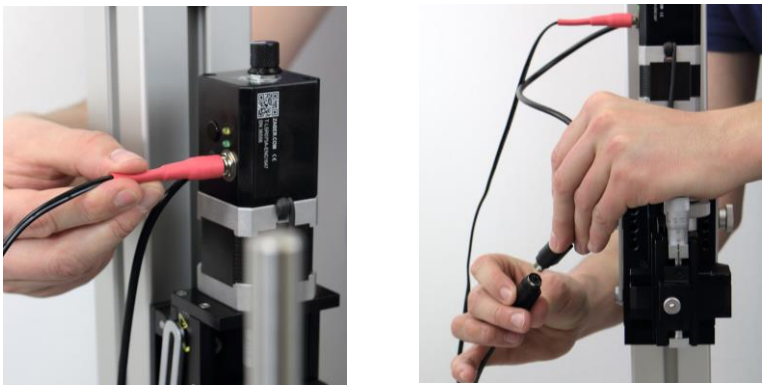

Fig. 3: Connect the AM to the power supply (left) and a PC / notebook (right).

6. Connect the microsensor to the sensor connector on the oxygen / pH meter and mount it in the sensor holder of the AM.

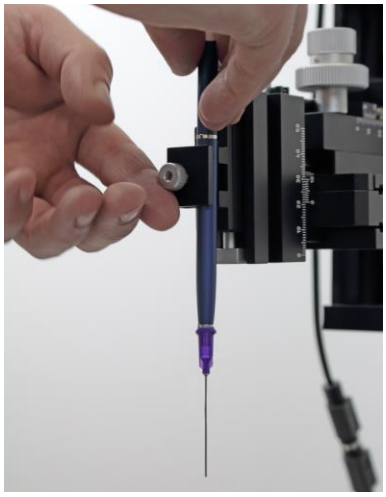

Fig. 4: Connect the microsensor and mount it on the AM.

7. Connect the transmitter to the power supply (not necessary with Microx 4 / Microx 4 trace) and to a USB port of the USB hub connected to the PC / notebook. Switch on the transmitter.

8. Close all other applications as they might interfere with the software and start the PreSens Profiling Studio.