






Microx 4 & Microx 4 trace –

Getting Started

1. Hold the  button on the control panel to turn on the device, then use the  button to switch to the Main menu.

2. Select  and create a new User:

- Pressing the  button opens a keyboard screen.
- Use the navigation arrows to type in the new User Name.
- When you have finished typing the name go to the **Done** button and press .
- The new user shows in the user list. Press  once more to select the new user and the display will switch to the measurement screen automatically.

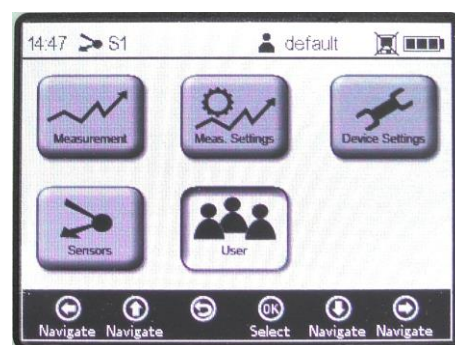


Fig. 1 Main menu screen – User selected

3. Create a new Sensor:













- Activate the barcode reader by pressing the  (Scan) button while on the measurement screen.
- Place the respective sensor barcode (delivered with your oxygen sensor) about 10 cm from the Microx 4 / Microx 4 trace; the target cross has to be aimed at the barcode. Reducing or increasing the distance between barcode and barcode reader can speed up the scanning process.
- A notification window opens on the screen, when the scanning process is done.
- A keyboard screen opens. Use the navigation arrows to type in the new Sensor Name.
- When you have finished typing go to the Done button and press .
- The new sensor shows in the sensor list. Press  once more to select the new sensor and the display will switch to the measurement screen automatically.



Fig. 2 Scanning sensor barcode



Fig. 3 Keyboard screen to enter Sensor Name

4. Select  in the Main menu and change Measurement Settings:
 - Change settings for **Temperature** and **Pressure** compensation and the measurement **Mode**. Use the arrow buttons to navigate between input fields. Press  to get into editing mode and change the respective setting or value (one digit at a time) with the  and  buttons. To cancel and leave the editing mode press . When you have adjusted an input field press the  button again to save the changes.
 - Select **Single Scan** for a single measurement or **Interval** for continuous measurement at a certain time interval.
 - To save measurements select **Logging On** and go to **Measurement Browser**. Use the  button to create a new measurement file. A keyboard screen opens. Use the navigation arrows to type in the new Measurement Name.
 - When you have finished typing go to the **Done** button and press .
 - The new measurement file shows in the Measurements list. Press  once more to select the new file and the display will switch to the measurement screen automatically.

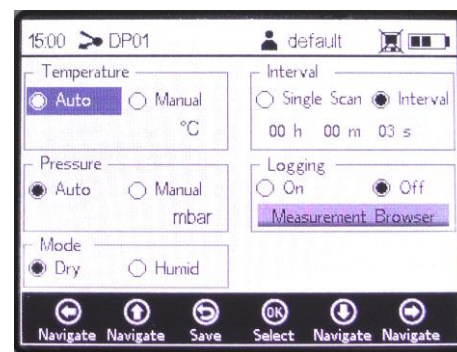





Fig. 4 Measurement Settings screen

5. Start the measurements by pressing the  button on the measurement screen. (When performing interval measurements pressing  again will stop the measurement process.)

6. Transfer your measurement data to a PC / notebook

- Connect the Microx 4 / Microx 4 trace to the PC / notebook via USB.
- Insert the supplied CD-ROM into the respective drive and click "PreSens Datamanager_x.x.x.x_Setup_FW.exe". Follow the instructions in the setup wizard for installing the Datamanager software.
- Open the Datamanager software after installation and select a working directory in which your Microx 4 / Microx 4 trace data is going to be stored.
- The connected Microx 4 shows automatically in the software; go to the Measurements tab on top.
- Select your measurement file from the list in the Device box on the right side of the screen, and use the  button to transfer the data to your PC / notebook.

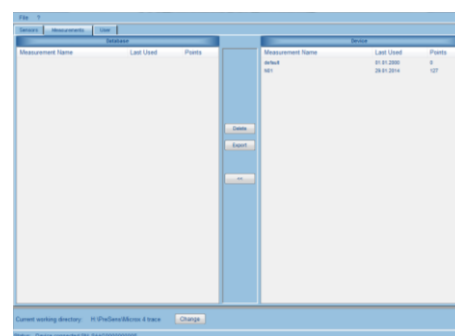


Fig. 5 PreSens Datamanager