Fibox 4 & Fibox 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.

Fig. 1 Main menu screen – User selected

2. Select 👥 **User** 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.
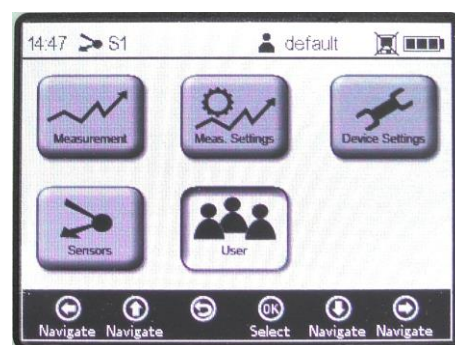
3. Create a new Sensor:

   ○ 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 Fibox 4 / Fibox 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.

Fig. 2 Scanning sensor barcode

   ○ 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 🆗.

Fig. 3 Keyboard screen to enter Sensor Name

   ○ 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.

4. Select in the Main menu and change Measurement Settings:

Fig. 4 Measurement Settings screen

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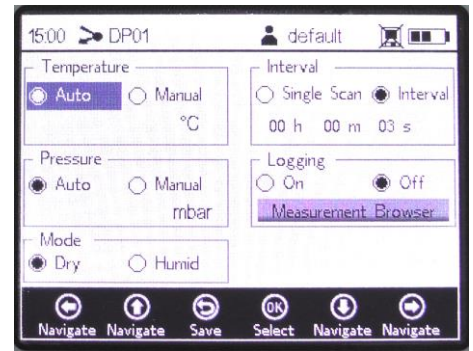
5. Start the measurements by pressing the ⏺ button on the measurement screen. (When performing interval measurements pressing ⏺ again will stop the measurement process.)

6. Transfer your measurement data to a PC / notebook

Fig. 5 PreSens Datamanager

- Connect the Fibox 4 / Fibox 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 Fibox 4 / Fibox 4 trace data is going to be stored.

- The connected Fibox 4 shows automatically in the software; go to the Measurements tab on top.

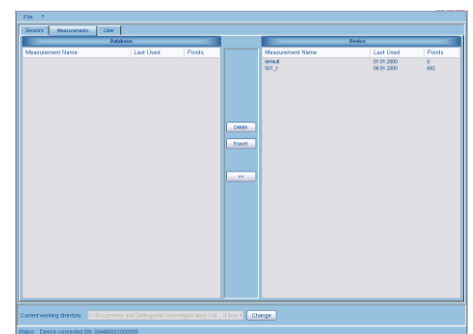- Select your measurement file from the list in the Device box on the right side of the screen, and use the ⏺ << button to transfer the data to your PC / notebook.