QUICK GUIDE: STARTUP PROCEDURE

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1. Check Bottles
   - Fill the water bottle with deionized water
   - Check that the waste bottle is empty
   **TIP:** Adding a drop of soap to the waste bottle helps to keep it clean

2. Switch Instrument On
   - Make sure the instrument is connected to your laptop via ethernet cable and ethernet-to-USB adapter
   - The power switch is at the rear of the instrument

3. Copy Template
   - Create a copy of the measurement template and rename it. This will be your workspace where the measurements are saved.

4. Start AmphaSoft
   - Double click the AmphaSoft 2.0 icon on the desktop

5. Open Template
   - In the AmphaSoft menu click on **Workspace > Load.** Navigate to the workspace, select the folder by clicking on it and click **Select Folder.**

6. Place Chip
   - Place the chip in the instrument using the 3 positioning pins ( ) and gently push on the middle of the chip ( ) without touching the electrodes
   - Carefully close the lid

7. Perform Initial Rinsing
   - Click on **S_1** in the left **Navigation** panel and make sure the correct chip number is configured in the measurement tab. If not, select the correct chip from the **Chip Id** dropdown menu.
   - Click on **Instrument Control** in the **Navigation** panel
   - Select the **Basic** tab and click on **Start Rinsing**
   - The software will first connect to the instrument (green progress bar at the bottom) and then initiate the rinsing process
   - After successful connection, a popup message appears. Make sure an empty container is placed below the sample holder and confirm by clicking **Continue Rinsing** twice
   **TIP:** If the water filter is dry or contains air bubbles, perform a few rinsing steps until the tubing is filled with deionized water

8. Start Measuring
   - Return to the measurement view by selecting the first measurement (**S_1**) in the **Navigation** panel on the left
   - Enter the sample name and start with the sample preparation

support@amphasys.com