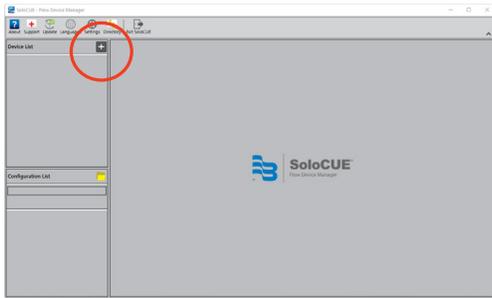## Download the Firmware Update

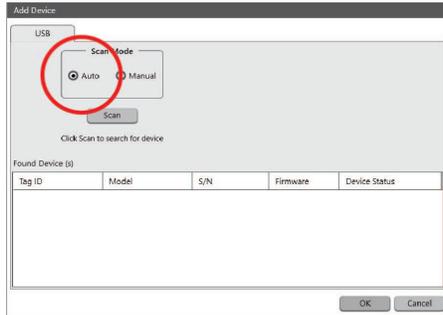Download the newest meter firmware version from _www.badgermeter.com/software-firmware/_ to your hard drive. Extract the files.
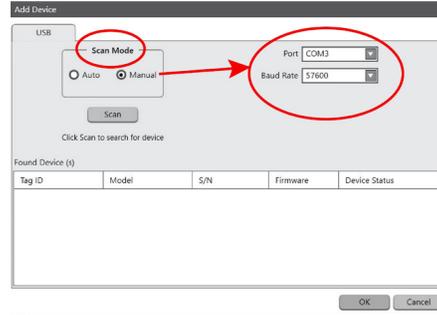
Establish and Verify a Connection

1. Open the cover of the meter to access the circuit board.
2. Connect your computer to the meter with a USB cable.
3. Launch _SoloCUE® Flow Device Manager_ software.
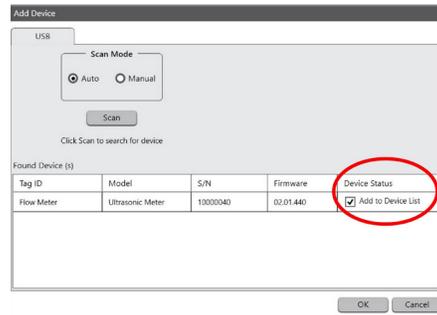4. Press **+** to add device.

5. Select the _Scan Mode_ to find the device, _Auto_ or _Manual_. _Auto_ scan mode is recommended.
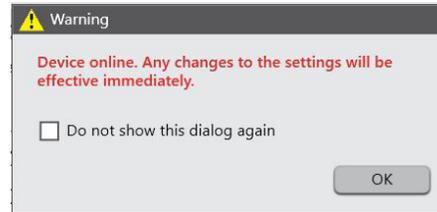

6. For the _Manual_ mode, select the _Com Port_ the device is connected to, then select the _Baud Rate_. Click **Scan** to find the device.

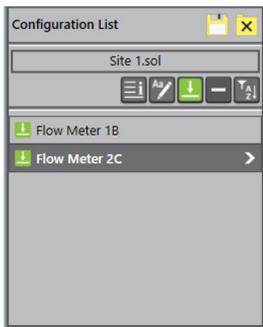

7. When your device displays, click **OK**.

If your device is online, this message displays:

Back Up the Configuration Settings

Updating the firmware will NOT overwrite the device settings unless there are functional differences between the firmware versions. Any new parameters will be set at the default setting.
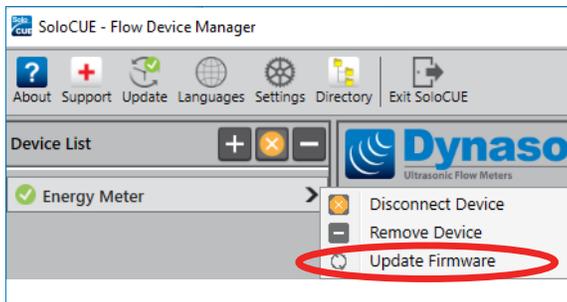
1. Click **+** to copy the parameter settings to the *Configuration List*, then save the file to your hard drive. A file can have multiple devices or settings.

Green icons indicate the settings are compatible with online/connected device.

Update the Firmware

1. From *SoloCUE*, click **>** next to the device you want to update the firmware. Select **Update Firmware** on the flyout menu.

2. Navigate to the location where you saved the firmware upgrade file, select the **.fwbin** file and click **Open** to start the firmware update.

SoloCUE starts uploading the firmware file to the flow meter.

Wait until the firmware update process is complete. Do not disconnect or power down the meter during this process.

When the firmware update confirmation screen displays, the process is complete. The display will turn off and on during the update and SoloCUE will display the progress.

After the firmware is updated, compare the settings of the saved configuration to the online device. Check for any new parameter settings.

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