

# Firmware update procedure



This procedure is valid for the following AMF products:

- P100-L: LSPone laboratory syringe pump
- P100-O: OEM syringe pump
- P201-O: OEM rotary valve, fast

For other products, please contact us directly.

## REQUIRED HARDWARE

- AMF module (LSPone, SPM or RVM-FS)
- Computer
- Mini-USB cable
- Power cord

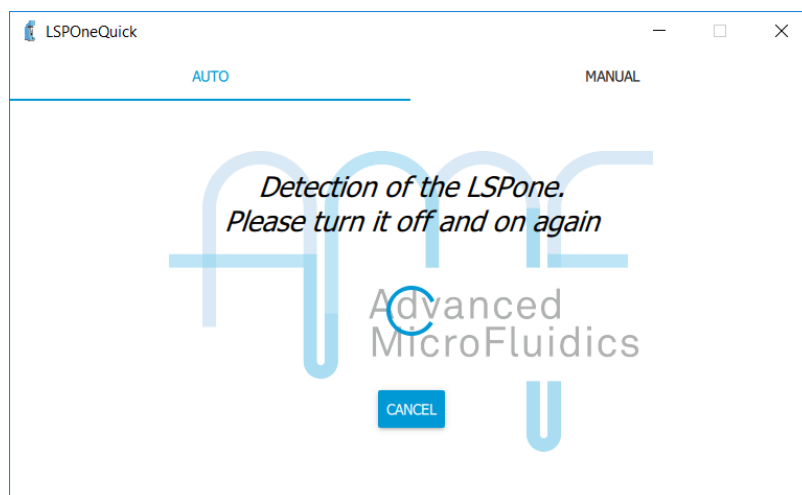
## REQUIRED SOFTWARE

- LSPoneQuick
- Firmware file -> .bin

You can find the latest versions for these on the downloads page of our website.

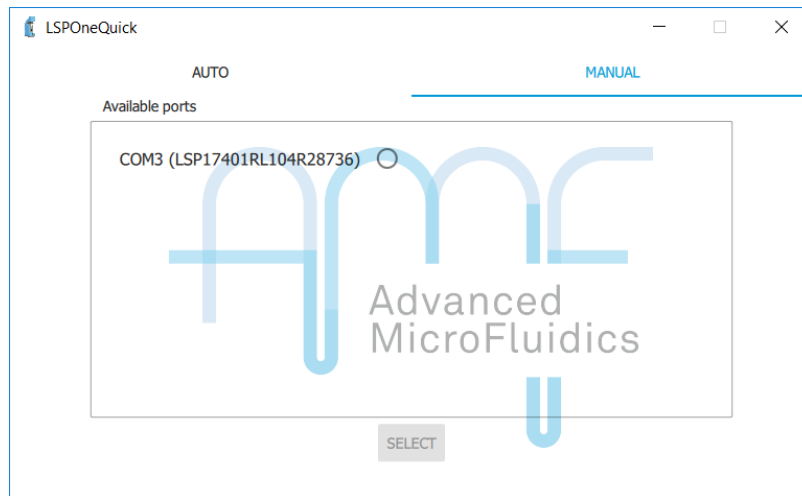
## UPDATE PROCEDURE

1. Install LSPoneQuick
2. Open LSPoneQuick

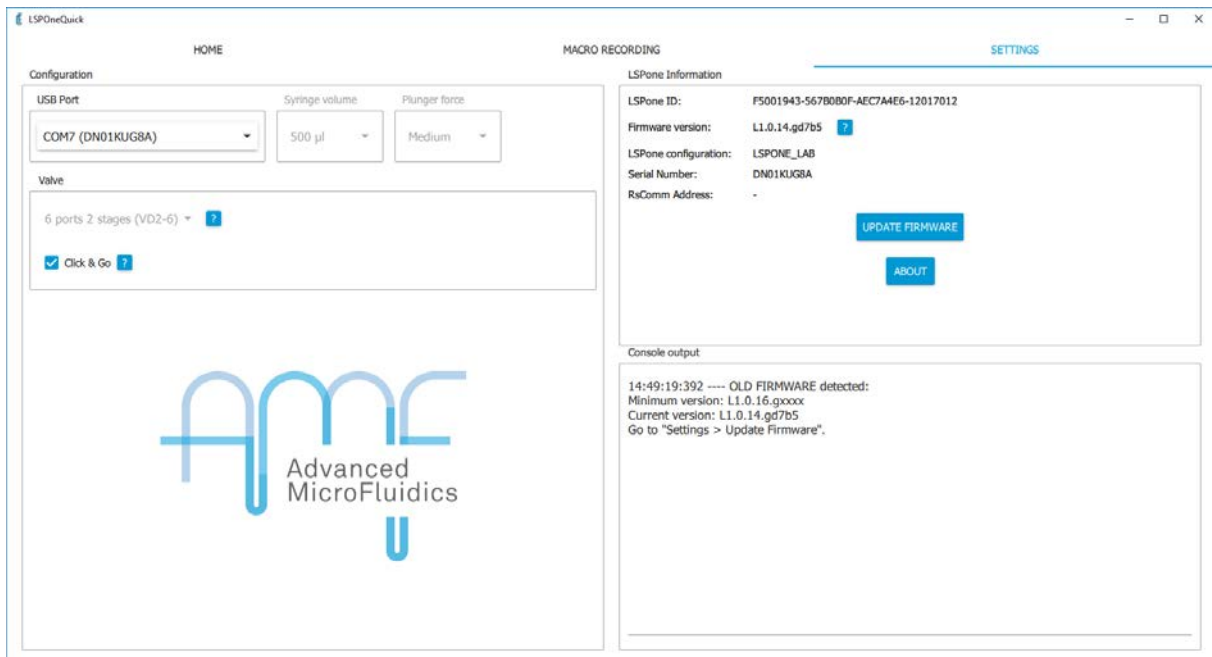


3. Connect your module
  - a. If automatically detected, the full page opens up.
  - b. If not, click on "Manual" then select the COM port.

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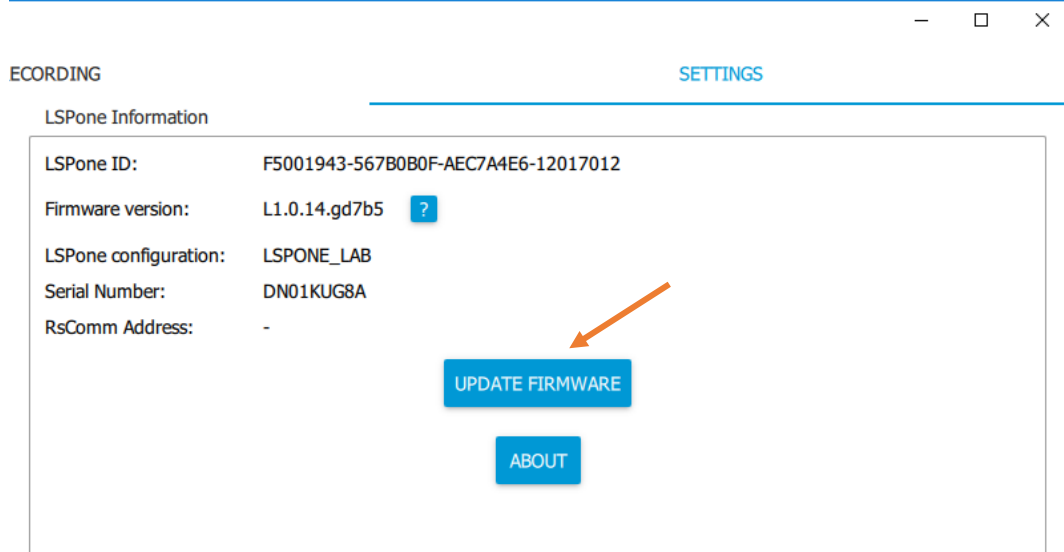


## 4. Go to the settings page



## 5. Click on "update firmware"

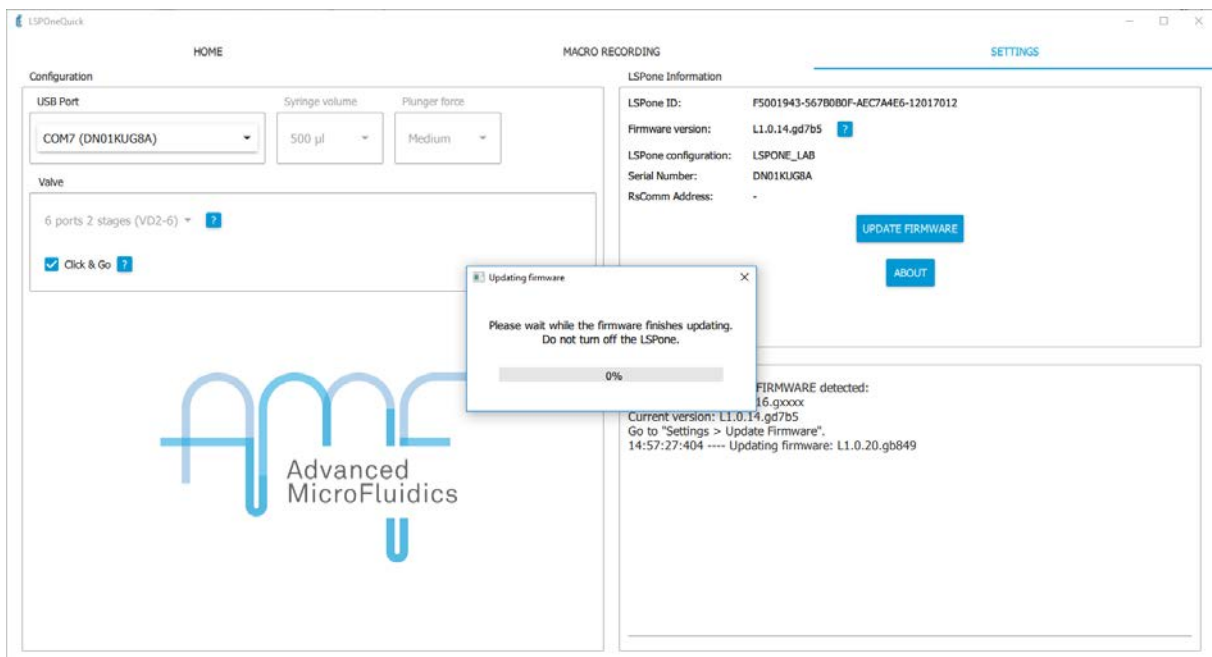
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6. Choose the correct .bin for your module

Name	Date modified	Type	Size
desktop	23/08/2018 14:35	Configuration sett...	1 KB
Firmware-LSP-SPM-L1.0.20.bin	11/07/2018 15:01	BIN File	46 KB
Firmware-RVMF-0.3.17.bin	17/08/2018 14:10	BIN File	24 KB

**7. DO NOT DISCONNECT MODULE OR CLOSE LSPONEQUICK DURING FIRMWARE UPDATE**  
Otherwise you may not be able to use your module anymore and may need to send it back to us...



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8. If you get the error “ Error encountered while updating firmware: Too many synchronisation request”, please try again. After 3 unsuccessful tries, please contact us.
9. Module should reinitialise after successful update

