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VPINSTRUMENTS Transmitter Firmware Flow Scope

VPINSTRUMENTS Transmitter Firmware Flow Scope User Guide

Contents

VPINSTRUMENTS Transmitter Firmware Flow Scope

Product Information

Specifications:

- Product Name: VPFlowScope M
- Firmware Version: 2.3.2
- Manufacturer: Van Putten Instruments BV
- Location: Buitenwatersloot 335, 2614 GS Delft, The Netherlands
- Contact: T: +31-(0)15-213 15 80,
- F: +31-(0)15-213 06 69
- VAT: 8083.58455.B01
- Email: **info@vpinstruments.com**
- Website: **www.vpinstruments.com**

Product Usage Instructions

Upgrade your VPFlowScope M:

1. Download firmware version 2.3.2 from our website.
2. Download VPStudio 3.2 from our website.
3. Unzip the VPStudio 3.2 file and install VPStudio 3.2 using the Setup file.
4. During VPStudio 3.2 installation, a VPFlowScope M Firmware Updater is stored on your PC.
5. Connect your VPFlowScope M via a mini USB cable to the PC.
6. Open the VPFlowScope Firmware Updater and follow its instructions to update your VPFlowScope M.
7. Once ready, your VPFlowScope M is updated and ready to be configured via VPStudio 3.2.
8. To update another VPFlowScope, restart the Firmware Updater first.

Frequently Asked Questions

- **Q: Is VPStudio 3.2 compatible with older versions of VPFlowScope M firmware?**
  - A: No, VPStudio 3.2 is compatible only with VPFlowScope M firmware version 2.2.0 or higher.
- **Q: What settings are migrated during a firmware update?**
  - A: The updater migrates specific settings mentioned in the instruction. Any other settings are not migrated during the update.

We hereby inform you that we have released a new firmware version for the VPFlowScope M. To configure your products with the right pipe diameter settings and communication outputs, you need to install VPStudio 3.2. Download VPStudio 3.2 from: **https://www.vpinstruments.com/service-support/software-firmware** It is continuously improved, so check for updates regularly. Please be aware that your VPFlowScope M with firmware 2.2.0 or higher is not compatible with older versions of VPStudio (VPStudio 1.0 and 2.0). Moreover, VPStudio 3.2 is compatible with VPFlowScope M firmware 2.2.0 or higher.
Warning: Read this entire instruction first, before updating your VPFlowScope M Transmitter. Pay especial attention to compatibility with versions and data logger functionality.

Upgrade your VPFlowScope M

Before upgrade

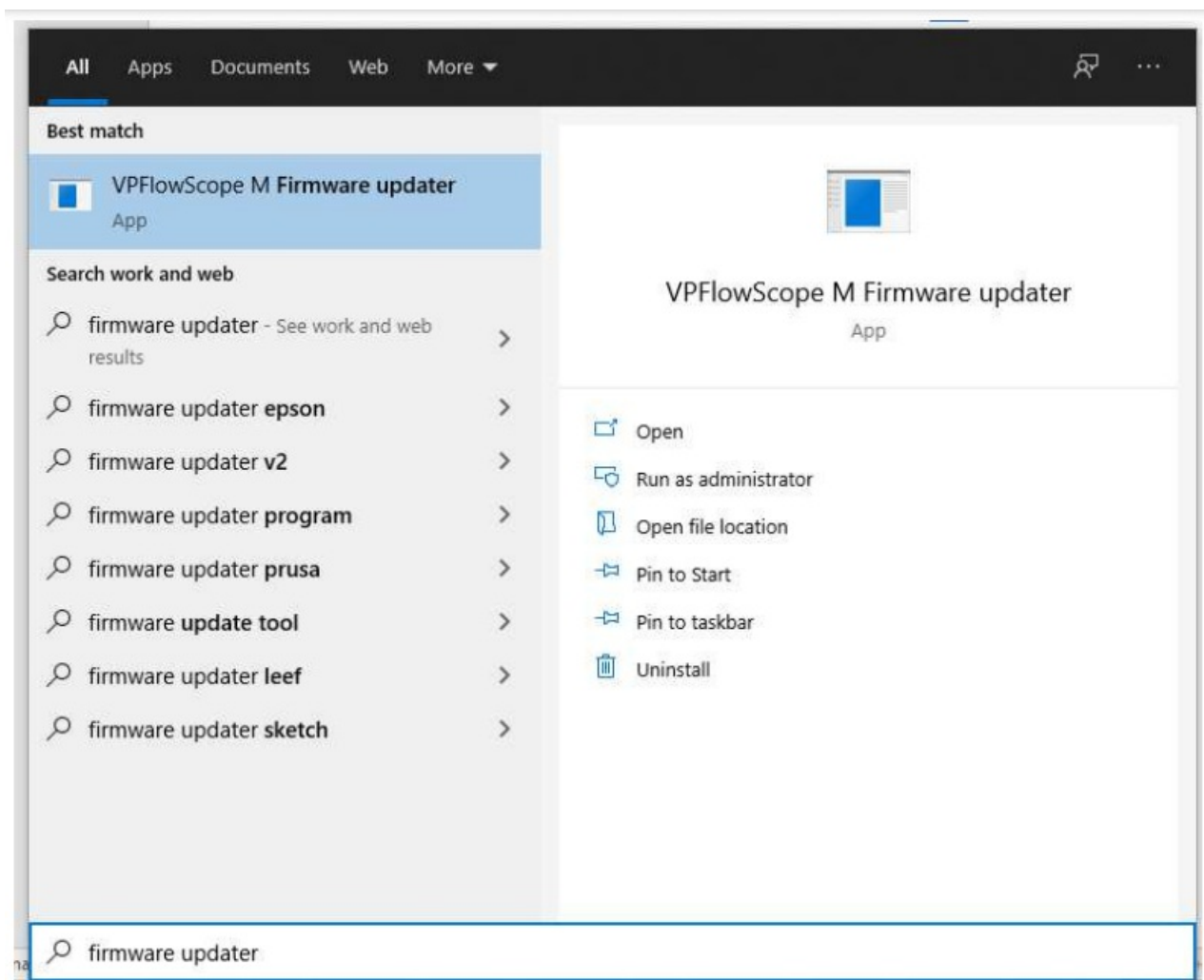The updater migrates the following settings from your device to the new firmware:

- Serial number
- Kind of product (VPFlowScope M without display: D000, with display: D010 and with display and datalogger: D011)
- Minimum and maximum 4..20 mA calibration value
- MAC address
- Production date

Any other settings (including e.g. Static IP) not mentioned here are not being migrated in a firmware update!
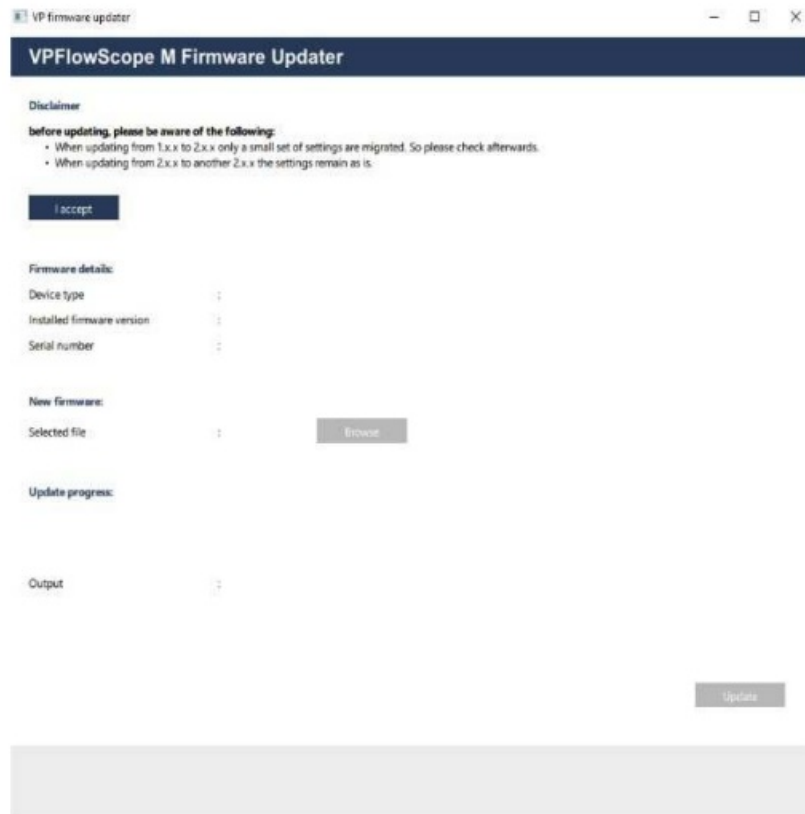
steps to upgrade

Follow these steps to upgrade:

1. Download firmware version 2.3.2 from our website. Click here.
2. Download VPStudio 3.2 from our website. Click here
3. Unzip the VPStudio 3.2 file and install VPStudio 3.2 using the Setup file.
4. During VPStudio 3.2 installation, additionally a VPFlowScope M Firmware Updater is stored on your PC. You can find the VPFlowScope M Firmware Updater by searching in your start menu.

5. Connect your VPFlowScope M via mini USB cable to the PC. Open the VPFlowScope Firmware Updater and follow its instructions to update your VPFlowScope M. Be aware the firmware needs to be on your PC to be able to select it.
6. Once ready, your VPFlowScope M is updated and ready to be configured via VPStudio 3.2.

7. To update another VPFlowScope, restart the Firmware Updater first.
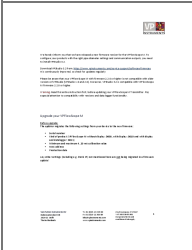

VPFlowScope M firmware 2.3.2

- Enjoy faster screen refreshes, the interface is removed from the downloading data process. The "Download in progress" screen is eliminated, brought back the access to the local interface during data transfers.
- Improved disconnection handling: the transmitter smartly works through brief probe disconnections, ensuring continuous process.
- Enhanced safety and functionality with 24V connection protocol: now automatically activating upon probe connection and deactivating upon disconnection. This not only optimizes the cartridge's electrical performance but also safeguards against accidental short circuits when probes are not connected.
- The pulse width of the pulse output now set at 1000ms, aligning with manual specifications.
- VPFlowScope M Transmitter firmware 2.2.0 or higher is compatible with VPSensorCartrigdes with serial number 6100658 and higher.

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- Our general terms and conditions of sale apply.

Documents / Resources

	VPINSTRUMENTS Transmitter Firmware Flow Scope [pdf] User Guide Transmitter Firmware Flow Scope, Firmware Flow Scope, Flow Scope, Scope

References

- **VPInstruments | Compressed air monitoring and imeasurement**
- **Software & Firmware | VPInstruments**
- **User Manual**