

## Customer information

09.06.2020, version 1, RaKr

# Firmware update for spectrophotometers NANOCOLOR® VIS II and UV/VIS II

### Overview

Photometer	NANOCOLOR® VIS II and UV/VIS II
Version number	1.9.7
Availability	from 09 <sup>th</sup> June 2020
Price	free of charge
Available on	<a href="https://www.mn-net.com/de/nanocolor-device-updates">https://www.mn-net.com/de/nanocolor-device-updates</a>
Required accessories	USB stick



Update

## Important note

Even if an update does not influence the data and special methods in the device, MACHEREY-NAGEL recommends some security actions to prevent data loss. Before performing an update save the memory and the database of the device via the -icon in the corresponding menu. Furthermore, a regular backup via the backup menu in the settings is recommended. It is recommended to save special methods on a USB stick prior to the update process. A more detailed description of the data saving is provided in the manual of the device.

## Update procedure

- Download the update ZIP-file via the link above und extract the ZIP file on your computer.
- Copy the .mns-update file to the upper level of an USB-stick and connect the USB stick to the device.
- Press  →  →  and choose the correct update file from the list.
- Click on the update file and wait until a completion message appears (This process may take up to one minute!).
- Switch off the device and restart it as prompted on the screen. Wait a few minutes, until the device has been completely restarted. Do not turn off the instrument during this process.
- After the update process the device will automatically request a zero calibration. Use the calibration tube provided together with the spectrophotometer. Make sure that the tube is free of turbidities. The calibration tube must also be clean from the outside and must not show any scratches.
- To start the zero calibration, press the -icon and follow the instructions shown on the screen.
- Check, if the update process was successful via  →  → . The new version number is displayed.

## Modifications

- Including new NANOCOLOR® test kit Manganese LR (REF 918126)
- Including new VISOCOLOR® Powder Pillow test kit Iron PP (REF 936227)
- Extension of the measuring range for the Gardner color scale and the sensitivity of the method to one decimal (new measuring range: 0.0-18.0)
- Improvement of the selection for precision in the scan menu
- Bug fixes

[www.mn-net.com](http://www.mn-net.com)



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