

## Customer information

20.10.2021, version 2, RaKr

# Firmware update for compact photometer PF-12<sup>Plus</sup>

Overview	
Photometer	Compact photometer PF-12 <sup>Plus</sup>
Version number	3.0.1
Availability	from 22 <sup>nd</sup> of October 2021
Price	free of charge
Link	<a href="https://www.mn-net.com/nanocolor-geraete-updates">https://www.mn-net.com/nanocolor-geraete-updates</a>
Required accessories	<ul style="list-style-type: none"> <li>USB-AB connection cable (REF 919687)</li> <li>Computer</li> </ul>



## Update procedure

### NOTICE

The firmware update to version 3.0.1 will perform an automatic system reset. Therefore, please save your measurement results and customized methods prior to the update. You can use the free of charge data export software for this purpose, which is included in the scope of delivery of the device or can be downloaded via the link mentioned in the overview section above.

After the successful firmware update to version 3.0.1, it is necessary to perform an update of the parameter file of the PF-12<sup>Plus</sup> to the currently available version when the firmware update has been done from version < 2.0.0.

In case of using a special filter in the PF-12<sup>Plus</sup>, please contact MACHEREY-NAGEL or your local distributor before performing the firmware update.

- The firmware is updated with the firmware update software. An instruction manual on using this software can be found via the link mentioned in the overview section above.
- After a successful firmware update the following firmware version will be shown during the device start: 3.0.1
- The parameter file is updated with the parameter update software. An instruction manual on using this software can be found on the website via the link mentioned in the overview section above.

## Modifications

- Implementation of the new product line **NANOCOLOR<sup>®</sup> ECO**
- Change of the special method programming: Existing methods can no longer be edited, but only viewed. To edit a method, it must be recreated with the changed information. We then recommend deleting the old method.
- Reduction of the programmable special methods to 20.
- Bug fixes

## Contact

If you have further questions, please do not hesitate to contact us:

Technical support and customer service

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