



Installing software for multiple wavelength meters or even two versions for the same instrument is possible.

Legacy software or instruments may experience compatibility issues. Please receive support from customer service in such cases.



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This Quick Start Guide is also available on our website:

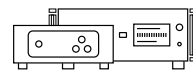


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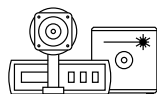
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the complete product
portfolio of HighFinesse



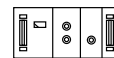
Spectrometer



Linewidth Analyzer



Calibration
Sources

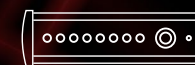


Precision
Current Sources

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Quick Start Guide HighFinesse Wavelength Meter



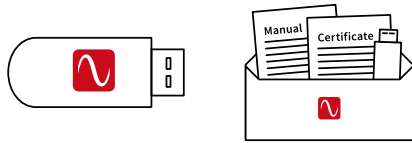
WS Series

Connection to light source
via **photonic crystal switch**

Please note:

Some optional features require separate hardware parts. Please make sure to assemble them before software installation!

1



The **installation software** is deployed on a flash drive. It's stored **in the envelope** that contains the manual and certificate.

2



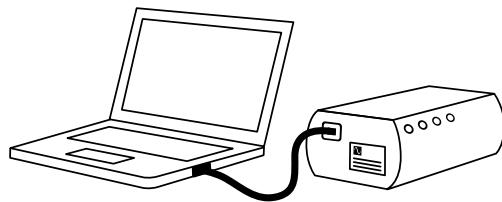
Start »setup.exe«

Express Setup – Automatic installation, simply follow the prompts.

Custom Setup – For advanced users desiring custom settings. Follow the prompts.

3

Connect Wavelength Meter and Computer

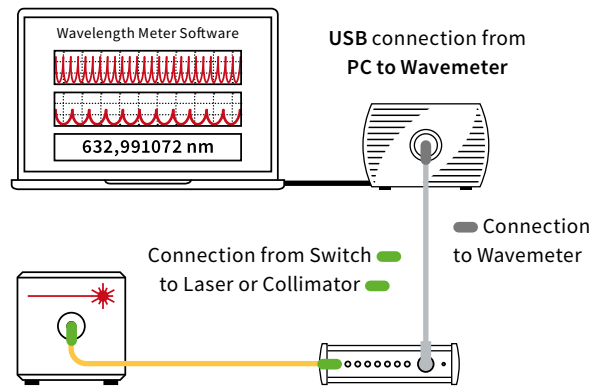


Some wavelength meters have an external power supply. Please connect the power supply before connecting the USB cable (included in shipment).

Please avoid using USB cables longer than 3 meters – that might cause communication protocol difficulties with Windows.

4

Connect Wavelength Meter and Light Source via a Photonic Crystal Switch



⚠ Please note: Pay attention to the damage thresholds specified in the switch manual. A few μJ (μW @ 1 s exposure) or even less are usually enough to achieve a measurement. Take special care when working with pulsed lasers.

Suitable patchcords:

All wavelength meters feature FC/PC sockets.

The PCS input fibers with a core diameter of $9\ \mu\text{m}$ can be used as an input for the photonic crystal fiber switch over the whole wavelength range of the wavemeter.

Whereas these fibers are not endlessly singlemode themselves the optics in the photonic crystal switch will ensure that the output is singlemode over the whole wavelength range of the instrument.

Use the **FC/APC:FC/APC** patchcord between **laser and switch**.

Your measurement results will be impaired when you apply FC/APC connectors to a wavelength meter input.

5



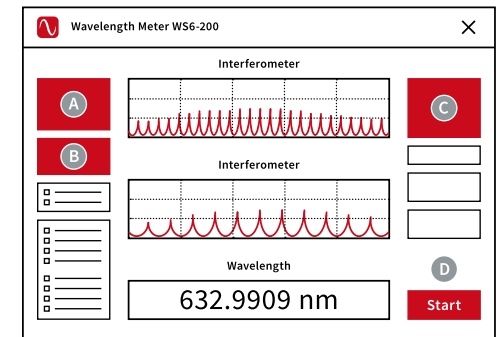
Start software

Simply run the desktop shortcut.

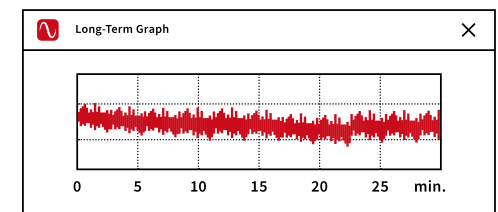
6

Start Measurement

Depending on your light source adjust the software settings in the graphical user interface.



- A** Select preferred unit
- B** Select pulsed or continuous
- C** Adjust exposure manually or select "Automatic"
- D** Start the measurement



The **Long-Term program** is set to **automatically start with the measurement**. After completion of your measurement save the long-term data on your computer. You can **reload at any later time** or **use the data with any other statistical program**.