



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



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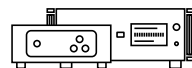
This Quick Start Guide is also
available on our website:

 www.highfinesse.com/quick-start-guide

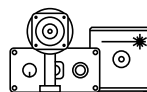
Have a look to the complete
product portfolio of HighFinesse



Spectrometer



Linewidth Analyzer



Calibration Sources

www.highfinesse.com

Please note:

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

Quick Start Guide · HighFinesse Wavelength Meter · 9-2024
WR Series · Connection directly to light source

This document provides general information only and may be
subject to change at any time without prior notice.



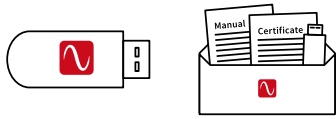
Quick Start Guide HighFinesse Wavelength Meter



WR Series

Connection **directly**
to light source

1



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

2



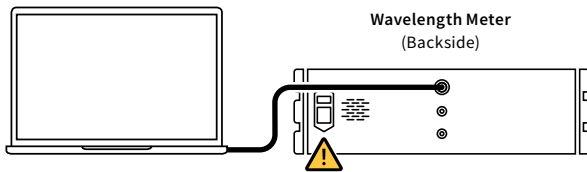
Start »**setup.exe**«

Express Setup – Automatic installation, simply follow the prompts.

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

3

Connect Wavelength Meter to Your Computer



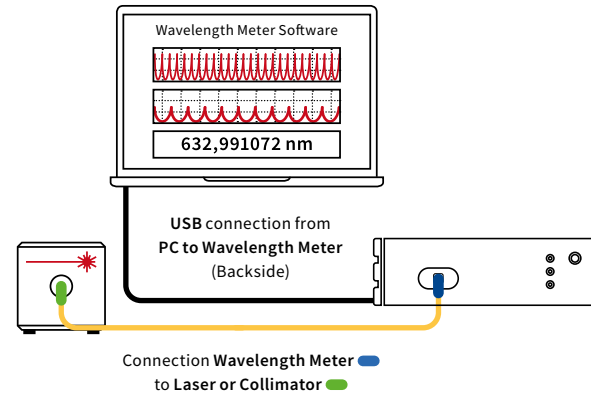
Now connect the **wavelength meter** to the **computer** via the provided **USB cable**.

⚠ Please note: Connect the wavelength meter to the power before connecting the USB cable.

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

4



Connect the Light Source to the Input of the Wavelength Meter



⚠ Please note: A few μJ (μW @ 1s exposure) or even less are usually enough to achieve a measurement. Take special care when working with pulsed lasers to avoid exceeding damage threshold of optical fibers.

Suitable patchcords:

All wavelength meters feature FC/PC sockets.

For singlemode fibers: Use the **FC/APC** connector  at the laser and the **FC/PC** connector  at the wavelength meter.

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

5



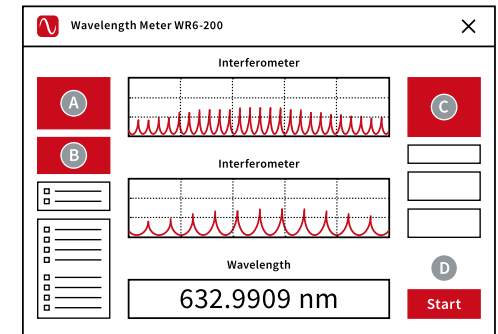
Start software

Simply run the desktop shortcut.

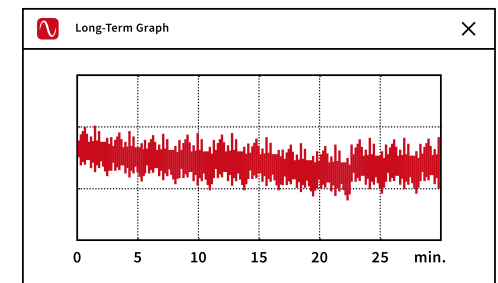
6

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.