



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:

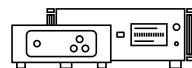


[www.highfinesse.com/quick-start-guide](http://www.highfinesse.com/quick-start-guide)

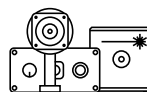
Have a look to the complete  
product portfolio of HighFinesse



Spectrometer



Linewidth Analyzer



Calibration Sources

[www.highfinesse.com](http://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 · 10-2024  
WR Series Single Channel

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

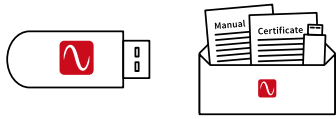


## Quick Start Guide HighFinesse Wavelength Meter



# WR Series Single Channel

1



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

2



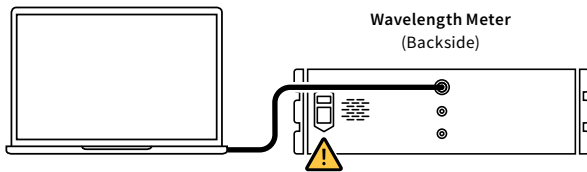
Start »**setup.exe**«

**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



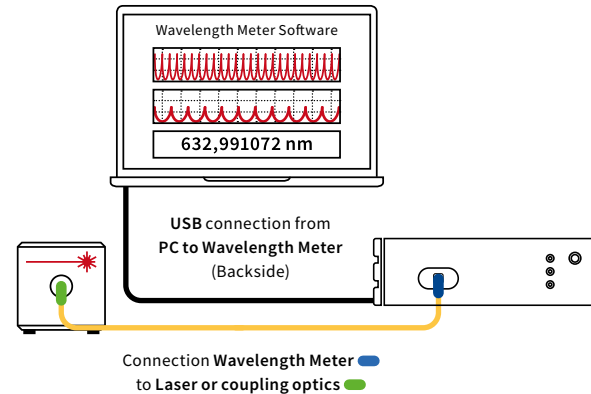
Now connect the **wavelength meter** to the **computer** via the provided **USB cable**.

**⚠ 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  $\mu\text{J}$  ( $\mu\text{W}$  @ 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



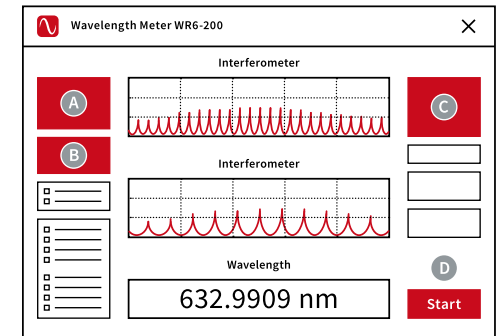
Start software

Simply run the desktop shortcut.

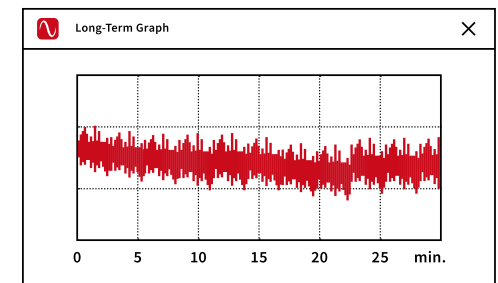
6

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.