



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)

#### Please note:

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

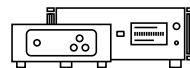
Quick Start Guide · HighFinesse Wavelength Meter · 11-2024  
WS Series · Connection to light source via single mode switch

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

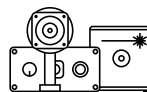
Have a look to the complete  
product portfolio of HighFinesse



Spectrometer



Linewidth Analyzer



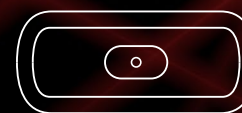
Calibration Sources

[www.highfinesse.com](http://www.highfinesse.com)



## Quick Start Guide

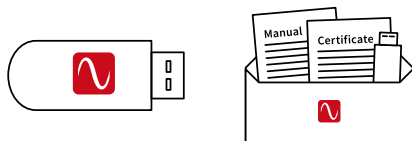
### HighFinesse Wavelength Meter



# WS Series

Connection to light source  
via **single mode switch**

1



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

2



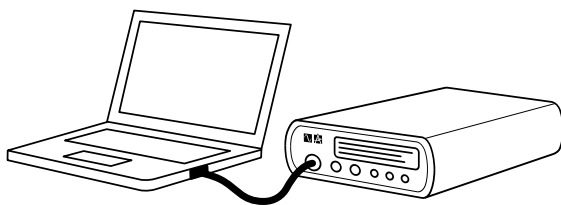
Start »setup.exe«

**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

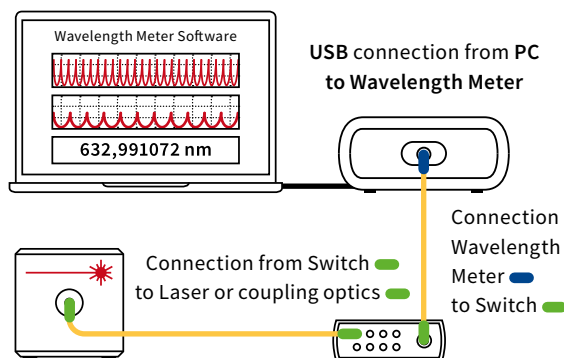


Some wavelength meters have an external power supply. Please connect the power supply before connecting the USB cable (included in shipment).

**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 Single Mode Switch




**⚠ Please note:** Pay attention to the damage thresholds specified in the switch manual. A few  $\mu\text{J}$  ( $\mu\text{W}$  @ 1 s exposure) or even less are usually enough to achieve a measurement. Take special care when working with pulsed lasers.

**Suitable patchcord:**

All wavelength meters feature FC/PC sockets.

Use the  patchcord between **Wavelength Meter** and **switch**.

Use the  patchcord between **switch** and **laser**.

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

5



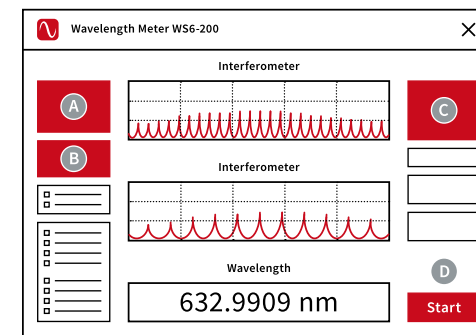
Start software

Simply run the desktop shortcut.

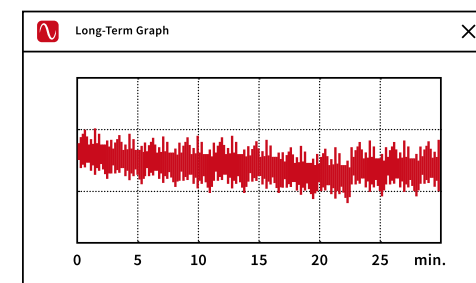
6

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**.