HighFinesse
The Standard of Accuracy

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This Quick Start Guide is also
available on our website:

www.highfinesse.com/quick-start-guide

⚠

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

Please note:

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

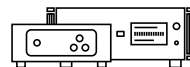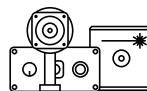Have a look to the complete
product portfolio of HighFinesse

Spectrometer   Linewidth Analyzer   Calibration Sources

www.highfinesse.com

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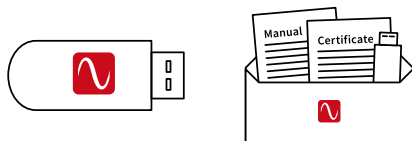## Ångstrom

Quick Start Guide
HighFinesse
Wavelength Meter
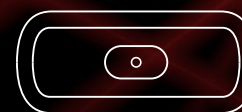
WS Series
Connection to light source
via **multimode switch**

1

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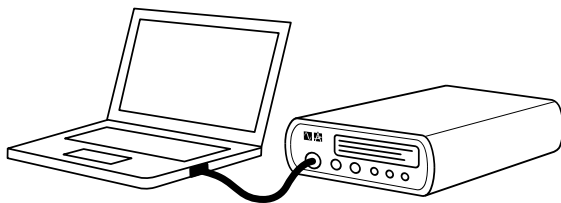
Manual   Certificate

2

Start »setup.exe«

Express Setup – Automatic installation, simply follow the prompts.

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

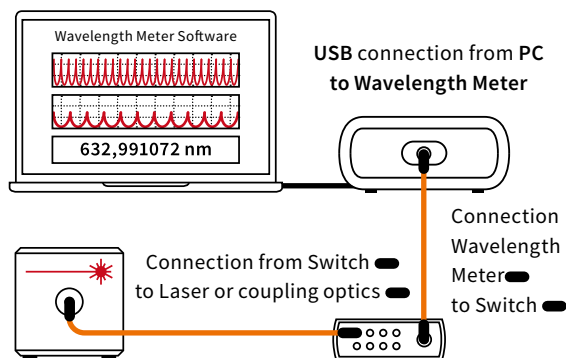**3**

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 Multimode Switch

Wavelength Meter Software

632,991072 nm

USB connection from **PC to Wavelength Meter**

Connection Wavelength Meter to Switch

Connection from Switch to Laser or coupling optics

⚠ **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.

Use the ⊏▣▬ **FC/PC:FC/PC** ▬▣⊐ patchcord between **wavelength meter and switch** and between **switch and laser.**

Your measurement results will be impaired when you apply FC/APC connectors to a wavelength meter input.
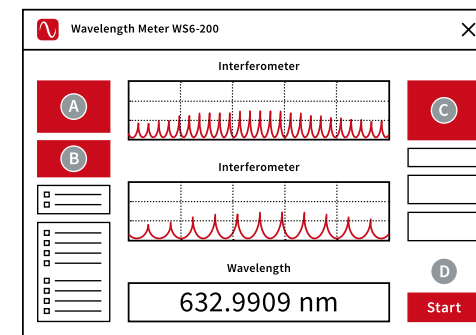
5

## Start software

Simply run the desktop shortcut.

6

Start Measurement

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

Wavelength Meter WS6-200   ✕

Interferometer

A

B

Interferometer

C

Wavelength

632.9909 nm

D

Start

A Select **preferred unit**

B Select **pulsed or continuous**

C Adjust exposure **manually or** select **"Automatic"**

D **Start the measurement**

Long-Term Graph   ✕

0   5   10   15   20   25   min.
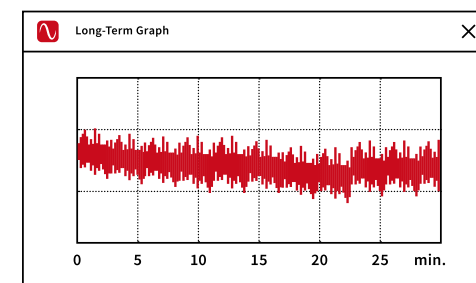
The **Long-Term program is set to automatically start with the measurement.** After completion of your measurement save the long-term data on your computer. You can **reload at any later time or use the data with any other statistical program.**