



Ocean**Optics**

QUICK START GUIDE

Spectrometers



Overview

Overview of typical components provided w/spectrometer in shipping box.

Your shipment includes:

- Spectrometer
- USB cable (type varies)
- Power supply (NR/QEPro or for serial mode)
- Calibration data sheets (save for reference)
- Any included accessory cables

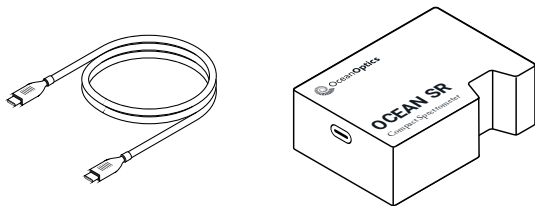


Figure 1: SR setup (same for HR, ST)

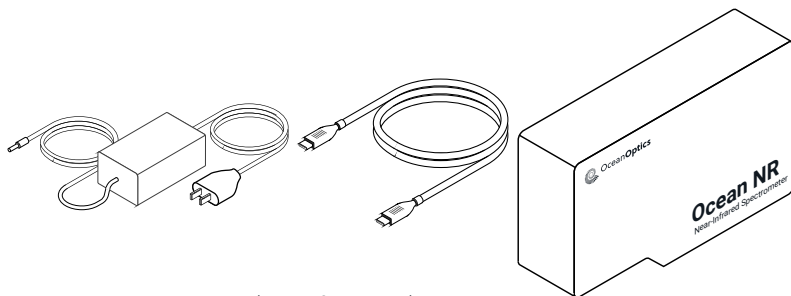


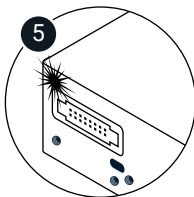
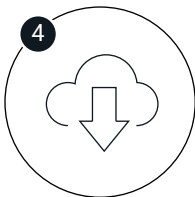
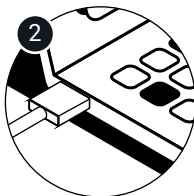
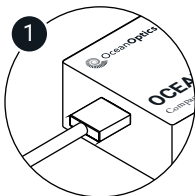
Figure 2: NR components (same for QEPro)

Hardware setup

Connect Your Spectrometer

A – USB Mode (Most Common)

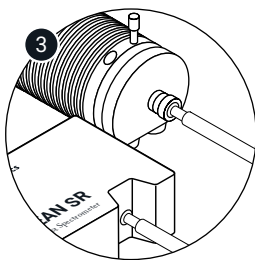
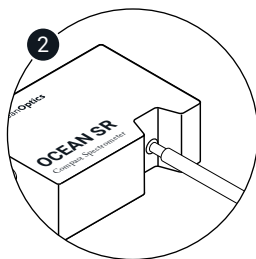
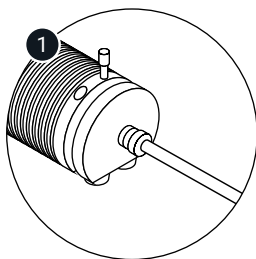
- 1 Plug USB into spectrometer
- 2 Plug USB into computer
- 3 NR/QEPro: Connect +5 VDC power supply if required
- 4 Wait for drivers to install
- 5 Red indicator light (SR/QE/NR series) should be on if properly connected.
- 6 In ST, a blue light will briefly flash next to spectrometer USB port if properly connected.



Attach Accessories

Attach Accessories

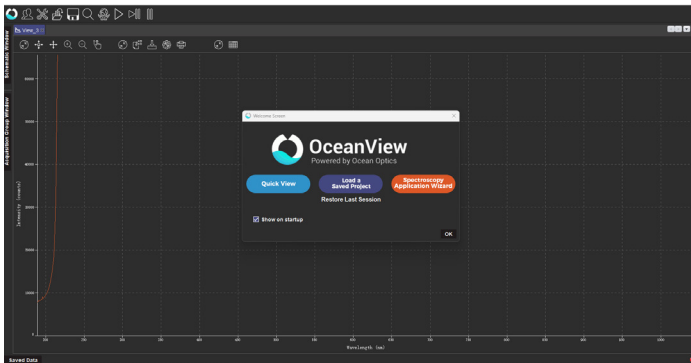
- 1 Use fiber cables to connect the light source, sampling accessories, or probes to the spectrometer
- 2 Connect the fiber to the SMA-905 connectors on the spectrometer
- 3 Light source connected to spectrometer



Software Setup (OceanView)

Directions to download/install OceanView

- Download OceanView software here:
<https://www.oceanoptics.com/software/oceanview/oceanview-2-0-20-downloads-nolm/>
- Install OceanView, launch the software, and choose QuickView
- Spectrometer should autoconnect



If not, open device manager in OceanView, rescan for instrument, click connect to connect to spectrometer

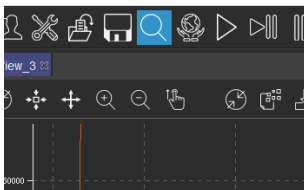


Figure 1: Device Manager

Software Setup (OceanView)

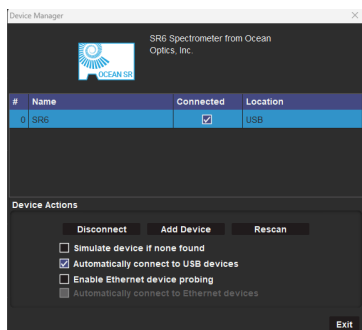
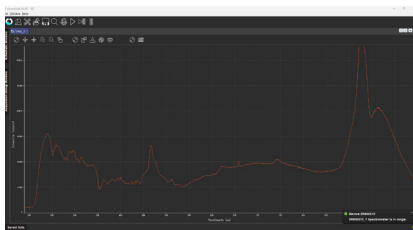


Figure 2:
Device Manager Window

You should see live-view data flow when properly connected



For more info about acquisition parameters, please visit this page to answer your questions:

Software FAQs

www.oceanoptics.com/faq/software-faqs/

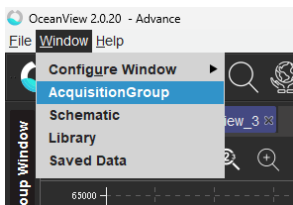


Figure 3:
Acquisition Group
Window Selection

Software Setup (OceanView)

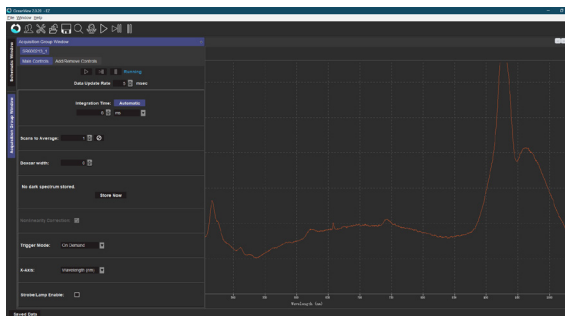


Figure 4:
Acquisition
Group Window

What is the difference between EZ And Advanced modes in OceanView software?

Users can switch between two modes EZ and Advanced. EZ mode is the default. Advanced mode offers more functions and features. Change between EZ and advanced mode by clicking on the EZ or Advanced icon in the software

Spectroscopy Application Wizard overview

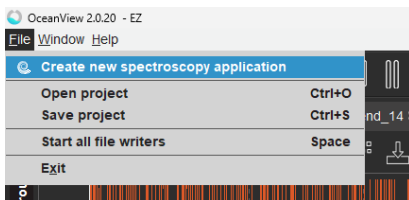


Figure 5:
Spectroscopy
Application Wizard



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NEED HELP?

**Visit OceanOptics.com/support
for manuals, drivers,
and troubleshooting**

