

Installation

Overview

The following sections will guide you in installing SpectraSuite on a Windows, Macintosh or Linux operating system.

Note

Do NOT connect the spectrometer to the computer until you install the SpectraSuite software. Follow the instructions contained in this chapter to properly connect and configure your system.

Installing SpectraSuite

SpectraSuite can be downloaded from the Ocean Optics ftp site, or retrieved from the CD that you received with your purchase of the software.

This section contains instructions for installing SpectraSuite using both methods on each of the following operating systems:

Microsoft Windows – Windows 2000, XP

Apple Macintosh – OS X version 10.0 or later

Linux – Red Hat 9 or later, Fedora (any version), Debian 3.1 (Sarge), and SUSE (9.0 or later)

Retrieving from a CD

Your SpectraSuite software is shipped to you from Ocean Optics on a CD. The software is located either on the main **Software and Technical Resources** CD, or on a separate CD labeled **SpectraSuite Spectroscopy Platform Software**. You will need the password located on the jacket of the CD containing your SpectraSuite software to complete the installation.

► **Procedure**

1. Insert the CD that you received containing your SpectraSuite software into your computer.
2. Select the SpectraSuite software for your computer's operating platform via the CD interface. Then follow the prompts in the installation wizard.

Or,

Browse to the appropriate SpectraSuite set-up file for your computer and double-click it to start the software installation. Set-up files are as follows:

- Windows: SpectraSuiteSetup_Windows
- Mac: SpectraSuiteSetup_Mac.dmg
- Linux: SpectraSuiteSetup_Linux

Downloading from the Ocean Optics ftp Site

Installing on a Windows Platform

Total download is approximately 30 MB.

► **Procedure**

1. Close all other applications running on the computer.
2. Type <ftp://spectrasuite.oceanoptics.com> into the browser.
3. Open FTP Site in Windows Explorer by clicking the Page menu and selecting **Open FTP site in Windows Explorer**.
4. Right-click on any white space in the browser window and select **Login As...**. The login and password dialog box appears.

5. Enter the following:

Username: *username*

Password: *password*

6. Double-click on **Installations**.
7. Drag SpectraSuiteSetup_Windows.exe to the local computer and execute. The default installation directory is **\Program Files\Ocean Optics\SpectraSuite**. The SpectraSuite icon location is **Start | Programs | Ocean Optics | SpectraSuite | SpectraSuite** and the current user's desktop.

Installing on a Macintosh Platform

You must be logged on as an administrative user to install SpectraSuite on your Mac. Total download is less than 15 MB.

► **Procedure**

1. Open a terminal window (Finder | Applications | Utilities | Terminal).
2. Type in your user name and password.
3. Paste the following text into this terminal window:

```
ftp ftp://username:password@spectrasuite.oceanoptics.com  
hash 10000  
lcd ~/Desktop  
cd Installations  
get SpectraSuiteSetup_Mac.dmg  
quit
```

When this command is finished, a file named **SpectraSuiteSetup_Mac.dmg** appears on the desktop.

4. Double-click on the SpectraSuiteSetup_Mac.dmg file to mount the disk image. A new SpectraSuite icon resembling a disk drive appears on your desktop. The new icon should open automatically (if it doesn't, double-click it).
5. Copy the SpectraSuite icon to your desktop.
6. When the installation is complete, drag the SpectraSuite drive icon to the recycle bin.

Installing on a Linux Platform

Total download is approximately 30 MB.

► **Procedure**

Open a terminal window.

1. Type in your user name and password.

```
Paste the following text into the terminal window:ftp  
ftp://username:password@spectrasuite.oceanoptics.com  
hash 10000  
lcd ~/Desktop  
cd Installations  
get SpectraSuiteSetup_Linux.bin  
quit
```

A SpectraSuiteSetup_Linux.bin file appears on your desktop.

2: Installation

2. Start a terminal window and enter the following commands:

```
chmod 755 ~/Desktop/SpectraSuiteSetup_Linux.bin  
sudo ~/Desktop/SpectraSuiteSetup_Linux.bin
```

You are prompted for your password, which allows you to execute the setup as root. Contact your system administrator if you do not have password.

If the sudo command does not work (it may not be set up for your user account), then enter the following:

```
su  
(enter password for root)  
~/Desktop/SpectraSuiteSetup_Linux.bin
```

The Linux version of SpectraSuite requires some libraries that may not be installed by default, depending on the Linux distribution. The following are libraries are required, and are not provided as part of SpectraSuite:

- libstdc++ version 5. Some newer systems only install version 6, so a compatibility package may be required. In Fedora Core Linux, libstdc++ version 5 is provided by compat-libstdc++.
- libXp version 6 (earlier versions may work too). In Fedora Core 3 and 4, this is provided in xorg-x11-deprecated-libs.
- libusb version 0.1.10 or newer (should be provided in a libusb package or can be downloaded from <http://libusb.sourceforge.net/download.html#stable>).


It may be necessary to modify SELinux (Security Enhanced Linux) restrictions before SpectraSuite will run. It is possible to remove SELinux auditing by running 'setenforce Permissive' as root or by customizing your SELinux policies. The SpectraSuite installer does not modify system security settings.

Note

The default installation directory is /usr/local/OceanOptics/SpectraSuite.

A symbolic link is put in /usr/bin so that you can enter **spectrasuite** on any command line to start the program.



The SpectraSuite icon () location varies by installation, but will be under either Applications or Other under the Application Launcher menu.
