

Congratulations on the purchase of your new Trilogy. We are committed to customer satisfaction. If you need assistance, technical specialists are available to answer your questions at 408-749-0994 or toll-free at 877-316-8049. This guide will help you set up the Trilogy so you can run your samples and retrieve data as quickly as possible.



1 Connections



ON / OFF Switch

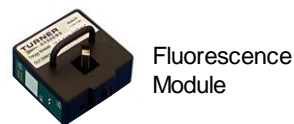
Power connection

USB Port - connect to the USB port on your computer

Serial Port - connect the serial port on Model # 7200-000 to a serial port on your computer

2 Module Installation and Removal

1. Make sure the Trilogy is OFF
 2. Lift the Trilogy lid
 3. To install the module, grasp the Trilogy module's handle and align it with the Trilogy's module compartment. Press down to snap the module into the Trilogy.
- Note: You will hear/feel a click indicating the module has been properly installed.**
4. To remove the module, grasp the module's handle and gently pull up to release the kit from the Trilogy's module compartment



3 Data Output

Reference the User's Manual for detailed instruction of the USB driver and software installation.

1. Install the Trilogy USB Driver and Trilogy Software included on your flashdrive or <http://www.turnerdesigns.com/customer-care/software-and-firmware/trilogy-laboratory-fluorometer> to your PC

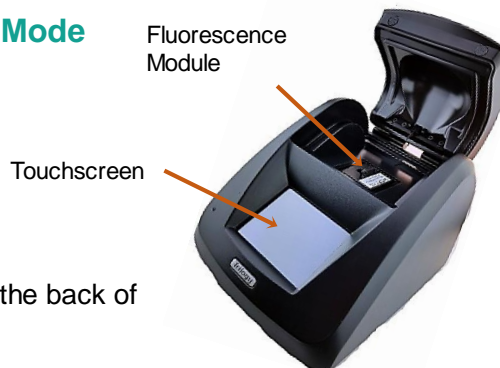
Note: Users with Model 7200-000 must use RS-232 Cable P/N 021-0700

2. Connect the USB cable P/N 021-7202 to the USB port on the back of the Trilogy.
3. Connect the other end of the cable to a USB port on your PC.
4. Determine what COM port was assigned for that USB port
5. Open the Trilogy software
6. Select or set the COM port and click "Start"

Note: Microsoft Excel is required to export data from the Trilogy to an excel spreadsheet

4 Measure Samples – Raw Fluorescence Mode

1. Connect the power supply to the Trilogy
2. Lift the Trilogy lid
3. Install a Trilogy module
4. Close the lid
5. Turn the Trilogy ON using the ON/OFF switch on the back of the instrument
6. Select the application stated on the module's label titled GUI selection and press OK
7. Insert a sample into the module's sample compartment
8. Press Measure Fluorescence to obtain raw fluorescence (RFU) data for the sample
9. Record your data



5 Measure Samples – Direct Concentration Mode

1. Follow steps 1 – 6 from section 4 in this Quick Start Guide
 2. Press “Calibrate”
 3. Select the unit of measure that corresponds to the concentration value of your standards
 4. Enter a blank solution and follow on-screen instructions
 5. Enter at least one standard, in order of increasing concentration if multiple standards are used, and follow on-screen instructions
- Note: You may enter up to 5 standards for your calibration**
6. When all standards have been measured, press “Proceed with Current Calibration”
 7. Press “Yes”, then name and save the calibration
 8. Insert a sample into the module's sample compartment
 9. Press Measure Fluorescence to obtain a concentration estimate for the sample