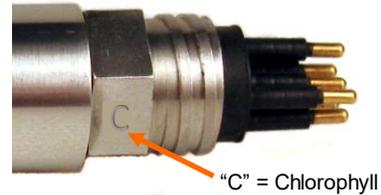


Congratulations on the purchase of your new Digital C-FLUOR Submersible Probe. We are committed to customer satisfaction. If you need assistance, technical specialists are available to answer your questions at 408-749-0994 or toll-free at 877-316-8049. This Quick Start Guide will help you set up your Digital C-FLUOR Submersible Probe and describe how to take measurements so you can start collecting data as quickly as possible.

Your Digital C-FLUOR Probe is configured for the application that correlates with the identification letter stamped on the 6-pin bulkhead connector (see list below). For Digital C-FLUOR Probes that do not have a connector, the identification letter will be etched on the body next to the part number.

| | |
|---------------------|---------------------------|
| "C" = Chlorophyll | "R" = Rhodamine WT |
| "F" = Fluorescein | "P" = Phycocyanin |
| "E" = Phycoerythrin | "U" = CDOM / fDOM |
| "O" = Crude Oil | "B" = Optical Brighteners |
| "T" = Turbidity | "D" = Red Excitation |



1 Using Software to Communicate with the Digital C-FLUOR

The Digital C-FLUOR RS-232 Programming Kit P/N 2120-900 is required to program the Digital C-FLUOR Probe using software. Connect the probe to your computer using the Digital C-FLUOR RS-232 Programming Cable P/N 2120-160 and connect the 12 volt power supply P/N 7000-941 to the Programming Cable's power jack, then follow the instructions below:

12V Power Supply



RS-232 Programming Cable

1. Once USB drivers have automatically installed, download and install Digital C-FLUOR's Software from www.turnerdesigns.com.
2. After software has successfully installed, double-click the software's icon which should have been automatically added to your desktop.
3. Click "Communicate With C-FLUOR" and wait a few minutes for the software to detect the connected probe.
4. When connected, C-FLUOR Communication Status radio button will change from red to green

With the C-FLUOR connected to your computer and power supply, and communicating with the software, answer questions 1-3 to perform the following functional tests:

1. The LED is on?
Hold a piece of white paper about ½ an inch in front of the optical head to ensure the LED is ON.

Note: This test does not work for Turbidity probes because they use infrared which is not visible.

2. Is there output?
Click the "Get Datapoint" button; if a value is displayed in the box then the instrument's output is working.
3. Does the output change?
Move the light source closer to the piece of paper and again click the "Get Datapoint" button; if the output increases then the instrument's detector is working.

If the instrument passed all functional tests, begin configuring your Digital C-FLUOR Probe using the software.