Brookhaven Instruments Corporation

Instructions for Installing BI-TCD

Required Components

Software

The drivers for the BI-TCD are downloaded and installed automatically from the internet. You must be connected to the internet for the drivers to be installed..

Cables

The BI-TCD comes with a Mini USB Cable and a Power Cable.

Note: The BI-TCD must remain plugged into the port it is assigned to. For that purpose, if the computer was not supplied by Brookhaven Instruments, then after successful installation, mark the particular USB post with the name of the device. Similarly, mark the USB cable with the device name.

BI-TCD Setup

1. Connect the Mini USB cable to the BI-TCD and to the computer.
2. On your computer go to the Device Manager.
3. In the Device Manager, go to the section names Ports (COM & LPT).
4. Once the drivers have been installed the Temperature Bath will be listed as USB Serial Port (COM#). Make note of the #.
5. Open the file C:\Bicw32\Settings\bi_polyscience_tc.ini by double clicking on it. It should open under the text editor.
6. Look for the line that reads "CommPort=COM#".
7. Change the # to the Com# you made note of in step 4.
8. Save the file and close it.
9. Open the Dynamic Light Scattering Software (DLSW).
10 In the top menu bar go to Control > Temperature > Set Temperature.
11. Enter desired temperature from +5° to +80°. Click OK.