Brookhaven Instruments Corporation

Instructions for Installing BI-Mini L140

Required Components

Software

The drivers for the Mini L140 Laser are located in the folder labeled "Mini L140 laser driver".

Cables

The Mini L140 comes with a Mini USB Cable and an interconnect cable

Accessories

The Mini L140 also comes with a controller box, set of keys, safety interlock and power cord.

NOTE: To install the drivers for the the Mini L140 laser follow the instructions found in the Mini L140 laser driver folder. The USB cable will be connected to the computer. The interconnect cable will connect from the laser head to the controller box. For the laser to work you must have the key inserted and the safety interlock plugged into the front of the control box. To start the laser you turn the key on the front of the controller and flip the switch on the back of the controller.

Mini L140 Setup: Laser (install laser drivers before starting setup)

1. Connect the USB cable to both the Mini L140 and to the computer.
2. Power up the Mini L140 laser as instructed above.
3. Start up Particle Explorer.
4. Start up DLS - Dynamic light scattering.
5. Click on Options.
6. Click on the Goniometer tab.
7. Select the check box for Support Programmable Laser.
8. Click Close.
9. Click on Instrument > Laser > Connect.
10. Select your laser and click connect.
11. Click on Instrument > Laser > Set Laser Power.
12. Select desired laser power from 5mW to 140mW. Click OK.