

Instructions for Installing Mini L40

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Required Components

Software

The drivers for the Mini L40 laser are located in the folder labeled "Mini L40 USB driver install."

Cables

The Mini L40 comes with a USB cable and an interconnect cable.

Accessories

The Mini L40 also comes with a controller box, set of keys, safety interlock and power cord.

NOTE: To install the drivers for the the Mini L40 laser follow the instructions found in the Mini L40 USB 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 L40 Setup: Laser (install laser drivers before starting setup)

1. Connect the USB cable to both the Mini L40 and to the computer.
2. Power up the Mini L40 laser.
3. On your computer go to the Device Manager. For Windows 7, click start and search for Device Manager. For Windows 8 & 10 use the search bar next to the start menu and search for Device Manager.
4. Scroll down the list and double click on *Ports (COM & LPT)* to open the subfolder.
5. The Mini L40 laser will be listed as Coherent OBIS device (COM#). Remember this (COM#) value.
6. Open the DLSW software.
7. To adjust the laser power within the DLSW software, click "Control" then click "Set Laser Power".
8. Select Mini L40 from the pull down menu.
9. Enter the comm port (COM#) for the Mini L40 in the box (see step 5) and click "Connect". If the laser doesn't connect the first time repeat steps 7-9.
10. Laser intensity can be entered anywhere between 5mW and 35mW.