



# VITA Easyshade<sup>®</sup> Printer Lab RX<sup>®</sup> Operating Instructions

Software (V110)

This software allows users to save and print shade data taken on the Easyshade via a USB cable.

## Requirements:

PC or Laptop with the following:

- USB Port or Serial Port
- *Windows 98SE, Windows ME, Windows 2000 or Windows XP operating systems\**

Additional Equipment:

- USB Cable with Male Connectors A & B (Figure 1)

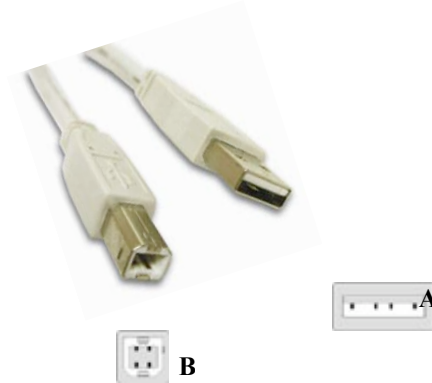
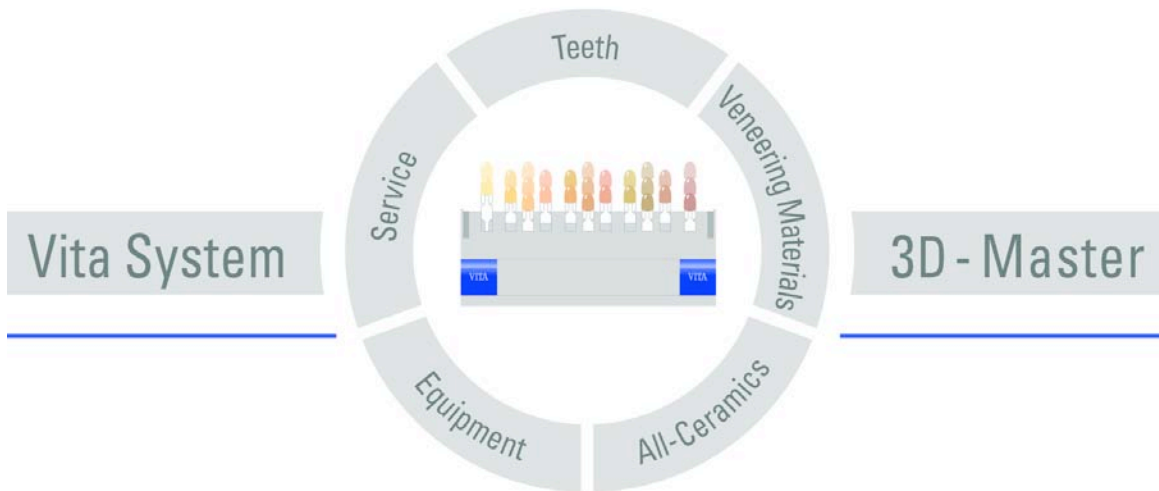


Figure 1: USB Connectors

\*MAC operating systems are not supported.



## **Step 1: Setting up the Unit to Your PC**

1. Remove the rubber port cover located on the left hand side of the Easyshade. This will expose two connector ports.
2. Plug in the USB Connector B into the top port on the Easyshade (Figure 2).
3. With your computer on, plug in the USB Connector A into a USB port on your computer.



*Figure 2: USB Plugged into Easyshade*



*Figure 3: USB Connection on a Computer*

4. Power up your Easyshade as shown in figure 4.



*Figure 4: Power button on Easyshade*

5. Insert the Lab Rx CD into your disk drive on your PC.

*Note: The Lab Rx dialog box should automatically appear with the insertion of the Lab Rx CD. If it does not, double click on My Computer, and then double click on your CD drive (generally D:).*

## Step 2: Open Lab Rx Program

**Note:** You will need to click on and drag the Lab Rx Program from the CD to an area in which you would like to keep it. Your desktop is a good place to keep the program if you are networked to multiple computers, as it is easy to find. See figure 5.

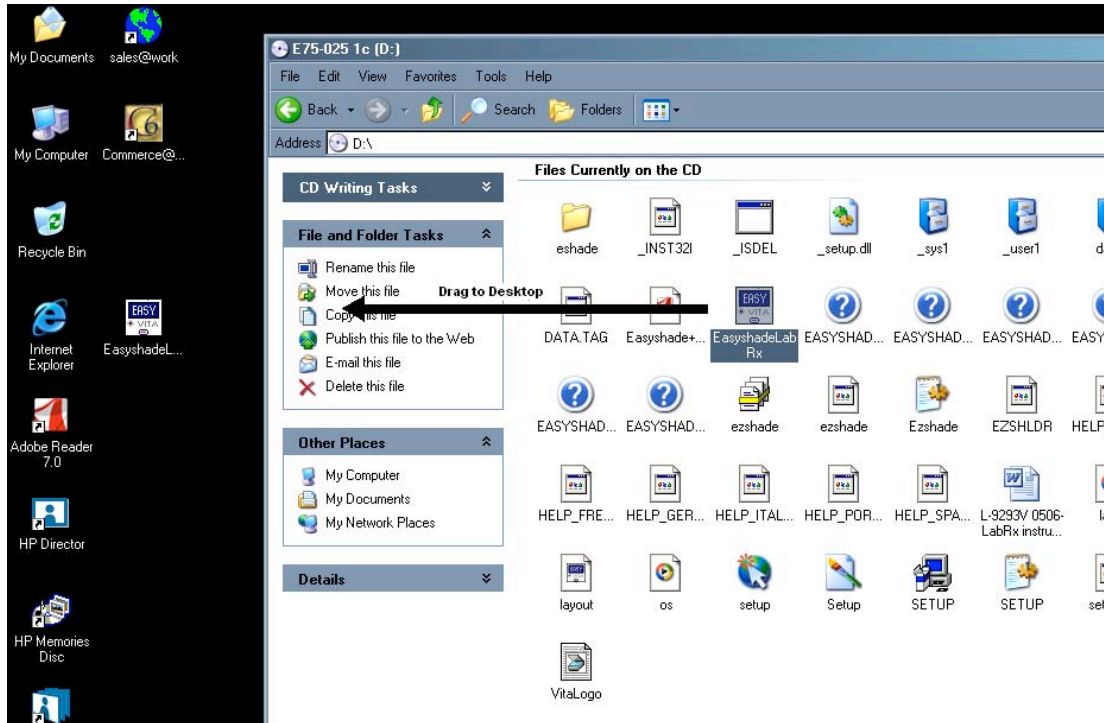


Figure 5: Drag Lab Rx Program to Desktop

1. Double click on the Lab Rx icon.
2. The first screen that appears will ask you to select your primary language. Select your correct language and press the enter button on your keyboard.

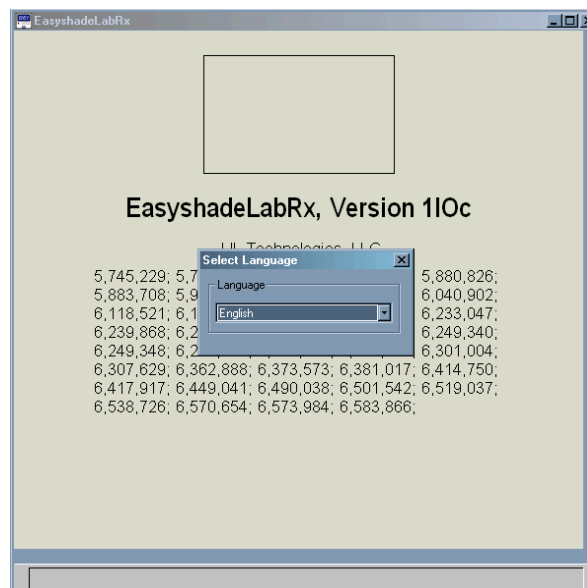
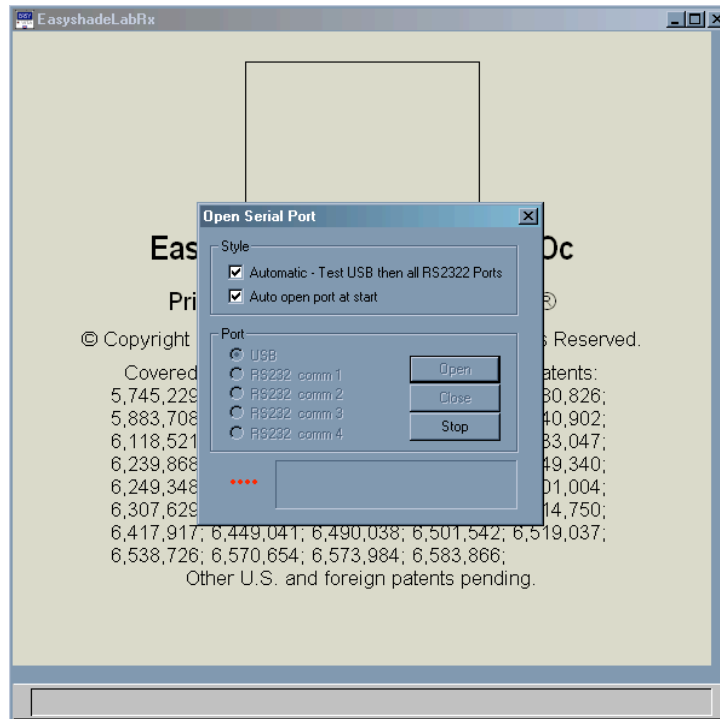


Figure 6: First Lab Rx Screen

## **Step 2: Open Lab Rx Program (continued)**

3. The following screen will automatically appear. At this time the Lab Rx software will begin searching to ensure that communication between the Easysshade and PC has been reached automatically by default.

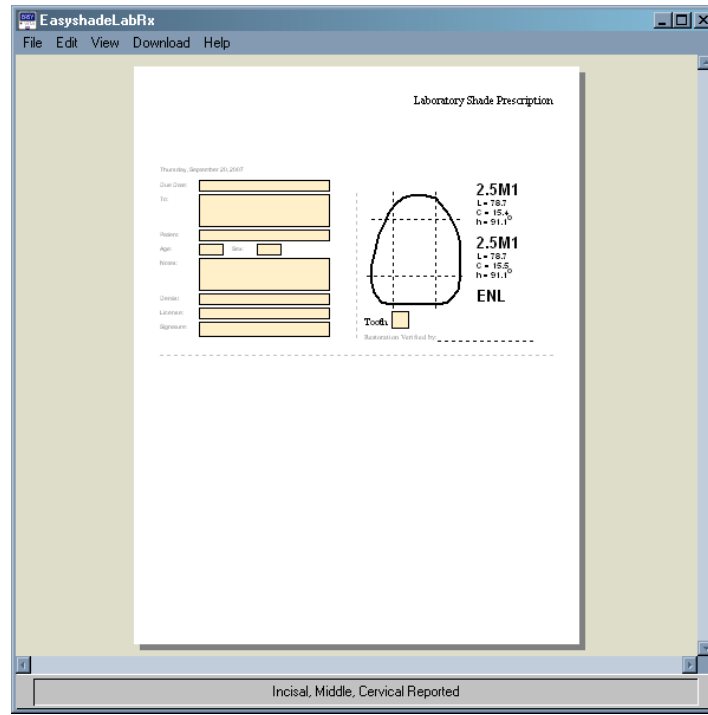


*Figure 7: Open Serial Port screen*

***Note: You will know your connection is good if you bypass this “Open Serial Port” screen, or do not see an error message that reads “Ports, NOT interfaced”. If you cannot reach a connection please see further troubleshooting tips on page 9.***

### **Step 3: Transferring Shade taken from Easyshade to PC**

- If the USB connection from your PC to your Easyshade has been set up correctly, you should now be at the Lab Shade Prescription page. See Figure 8.
1. Upon taking a shade with the Easyshade unit, the recorded data will transfer to the Lab Shade Prescription page almost instantaneously. In the following example, the Easyshade was set for Tooth Areas to obtain a cervical, middle, and incisal shade reading. The data was transferred to the Lab Shade Prescription page in the Lab Rx software from the Easyshade at the time of the tooth scan as shown in the following example.



*Figure 8: Example of Tooth Areas*

**Note: The final shade shown was adjusted to show incisal ceramic (ENL), the layering porcelain a lab would use for incisal shading. This feature may be accessed through the Edit Menu, by selecting Page setup, in the box that reads Tooth.**

## Step 4: Inputting Operator, Lab, and/or Patient Data

1. On the top left of your Lab Rx page, you will see an Edit button. Click the edit button to enter the Edit drop-down menu, and select Page Setup from the available options. The Setup Page will appear as in *Figure 9*.
2. Click Add where the Setup Page reads Dentist to input your Dentist's information. Do the same for Lab to input your Lab's information. See *Figure 9*.

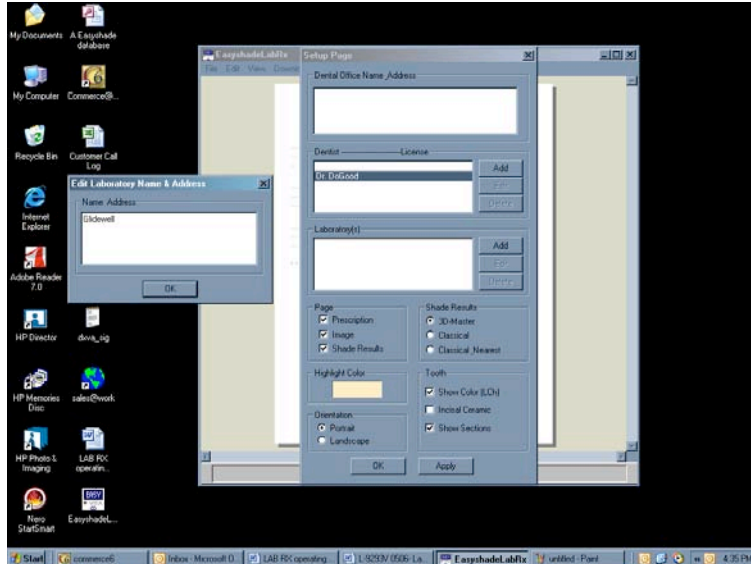


Figure 9: Inputting Dentist and Lab data into the Setup Page

3. Click Apply to store inserted data. Click Ok. Upon clicking Ok, the Setup Page will disappear, and you will be back at the Lab Shade Prescription page.
4. Either by clicking on the "Patient" field on the main Lab Rx page, or going to Edit, Prescription, Edit the patient's information in the fields as shown in the figure 7.1.

Figure 10.1: Prescription Page

Figure 10.2: Selecting Dentist from drop down menu

**Note: The Dentist and Lab are selectable in a drop down list as shown in Figure 10.2. This information may be stored and recalled the next time the Lab Rx Software is opened, as long as an initialization file is created. To create the initialization file, see step 6.2.**

## **Step 5: Importing Pictures**

1. Click the File button in the Lab Rx software to access the file menu. From the available options, select Load Image.

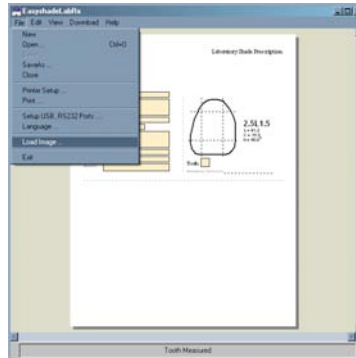


Figure 11: Selecting Load Image from File Menu

2. In order to select an image, browse your computer to the area where your photos are stored. Generally, Windows computers will automatically prompt you to save your pictures to location: My documents, My Pictures. In this case example, the photo was found on the Desktop. Once the photo you wish to import to the prescription is selected, click Open or double click on the particular picture file to insert. See Figures 12 and 13.

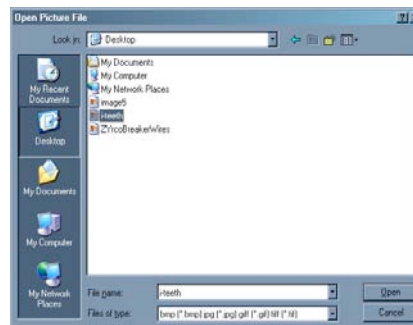


Figure 12: Selecting Photo

3. Your Picture will be automatically inserted into the Lab Shade Prescription.

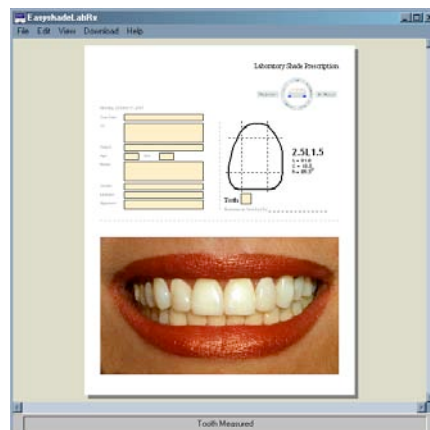


Figure 13: Lab Shade Prescription with desired photo.

## Step 6: Saving Data

1. All easysshade data can be renamed and saved to your computer. When you are ready to save, Click File on the top left of your Lab Shade Prescription, select Save As, and save the file to your PC in whichever location has been designated.

**\*\*Important: Save the file to a location that will be remembered and, if you are networked, to a file that everyone in the network may access. Example: Create a folder on your desktop, rename that folder Lab Rx Prescriptions, then save all Lab Rx data to that particular folder.\*\***

2. Upon exiting the Lab Rx software, the program prompts you to create an initialization file. The initialization file is the file that will store all Dentist and Lab information that is selectable in the Prescription page. This file will save to the same location that your Lab Rx program is stored, and is mainly used to save time.

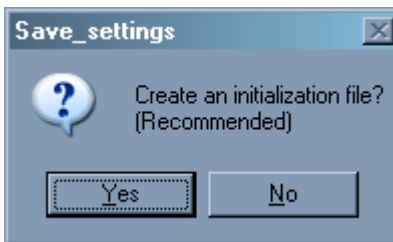


Figure 14: Prompt for saving Initialization File

## Step 7: Reopening Prescriptions

1. To open data that has already been saved, open your Lab Rx Software, Go to File, Click Open, and then select the file in the location where it was stored. Select open or double click on the file and the data for that particular prescription will appear. See figures 15.1 and 15.2.

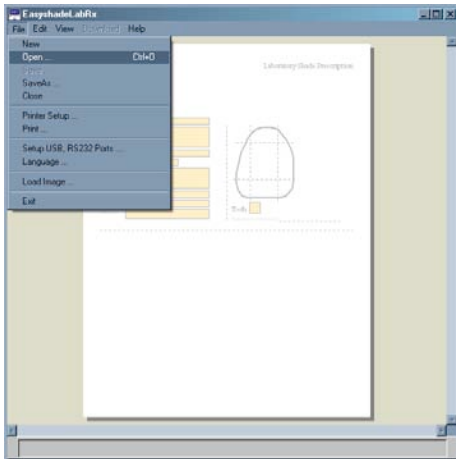


Figure 15.1 Select Open from File Menu

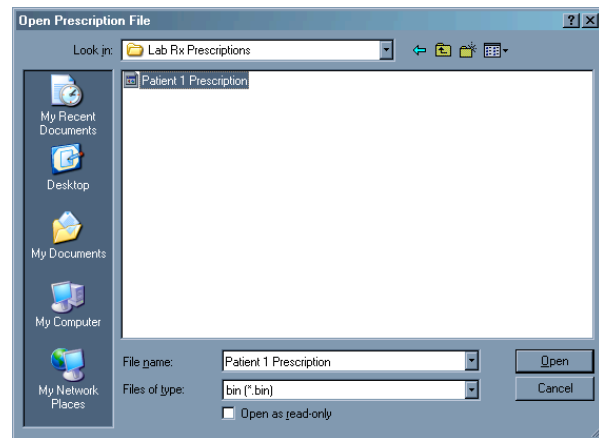


Figure 15.2 Select Open with Prescription selected

**Note: In order to open, evaluate, and/or edit at a particular prescription, the Easyshade does not need to be connected. However, no new shades will be able to be transferred to your PC unless you re-establish the USB connection. See the Additional Information section for more details on establishing your USB connection.**

## Additional Information:

### Transferring Information from your Easyshade to your Computer if the USB connection was not established at the time of the shade measurement.

**Note: Easyshade must remain ON to complete this task. You may need to follow these steps if you tried to make a connection while your easyshade was powered off at the time you started the Lab Rx software.**

1. If the USB cable is not long enough to reach your computer at the time of your shade measurement, but would still like your shades to appear on the Lab Rx prescription page, the Easyshade will save up to 10 measurements back as long as the unit is **NOT TURNED OFF**. If the unit does lose power, all of these stored measurements will be lost.
2. In order to report a certain measurement to your PC, you will first need to set up your Easyshade to PC connection via USB. See Step 1.
3. On the Lab Shade Prescription page, click the File menu found at the top left, and select Setup USB, RS232 ports. See Figure 16.
4. Check both of the boxes located under the Style setting, and select Open to establish the connection from your Easyshade to your PC.
5. After you make the connection from your Easyshade to your PC, click the X in the top right corner of the “Setup USB, RS232 Ports...” window to return to the Lab Shade Prescription page.

**Note: DO NOT press the close button in the “Setup USB, RS232 Ports...” window, this will disconnect your newly established connection from Easyshade to PC. If you did click close, re-interface the port by checking both boxes in Style again, and click open.**

6. Make sure the measurement is on the display of the Easyshade by scrolling through your scans using the left and right directional arrows on the top of the touchscreen display, and then use the Download button in the Lab Rx software to import that particular scan into the Lab Shade Prescription. See Figure 17.

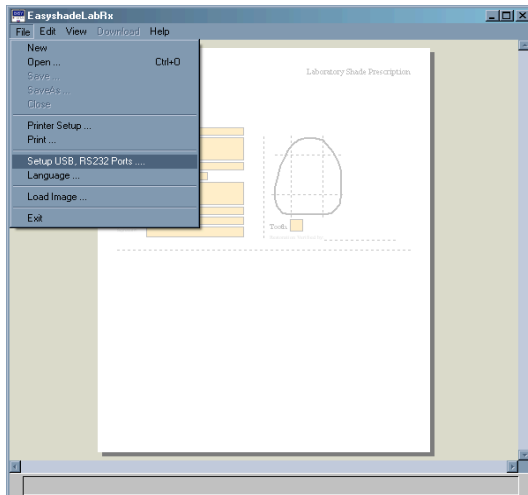


Figure 16: Selecting “Setup USB, RS232 Ports...” from File menu.

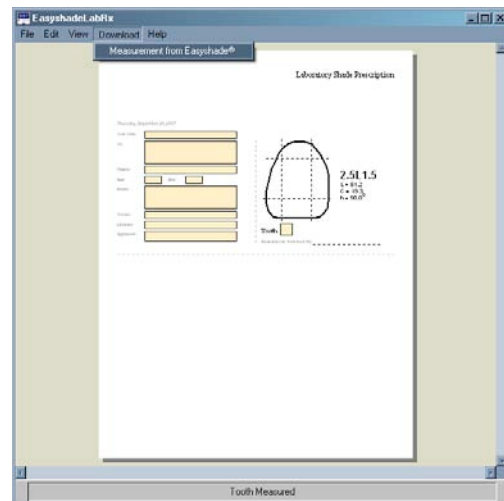


Figure 17: Importing Measurement from Easyshade through Download Menu