UNICOS

Operation Manual

UNILAB _for LAB/SHOP

MERCOFRAMES OPTICAL CORP.

⊙ 5555 NW 74 AVE. Miami, FL 33166   ⒡ /mercoframes
✉ sales@mercoframes.net   ⦉ www.mercoframes.com
☏ 305-882-0120 Whatsapp   🛒 www.mercoframesusa.com

Revision 1.01   2018-09-19

Before use this instrument, be sure to read this manual collectively.

Table of Contents

*Please proceed in the following order:

things that need

    A.   RS-232 cable 2EA

    B.   USB to serial cable 2EA

    C.   Rockey2 Dongle for Shop/LAB

Program installation environment

    A.   Microsoft visual c++2015 Library

    For 32-bit OS:

http://download.microsoft.com/download/9/3/F/93FCF1E7-E6A4-478B-96E7-D4B285925B00/vc_redist.x86.exe

or mfc_error folder

    For 64-bit OS:

http://download.microsoft.com/download/9/3/F/93FCF1E7-E6A4-478B-96E7-D4B285925B00/vc_redist.x64.exe

or mfc_error folder

1.Install Programs

1.1 For shop

A.Run the ⚙ setup file in the 📁 SHOP folder.

B. Proceed with the installation.

C. After installation, check that the desktop has ⊙ UNICOS / UNI_for_shop icon.

2.2 For LAB

A.Run the ⚙ setup file in the 📁 LAB folder.

B. Proceed with the installation.

C. After installation, check that the desktop has ⊙ UNICOS / UNI_for_LAB icon.
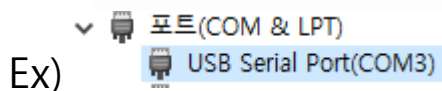
2.Connecting with equipment

2.1 Edger

A. Connect the PC and the Edger by connecting the USB to serial and RS-232 cables as follows:

Connect the rs-232 to the area marked with the red box.

[Back of Edger]

B. Check the connected port in Device Manager.

Ex)

C. Edger Settings

Menu-> Arrow button to go to screen [Total Parmeter 3]

D. After completing the setup, turn off Edger

2.1 Tracer

A. Connect the PC and the Tracer by connecting the USB to serial and RS-232 cables as follows:

Connect the rs-232 to the area marked with the red box.

B. Check the connected port in Device Manager.
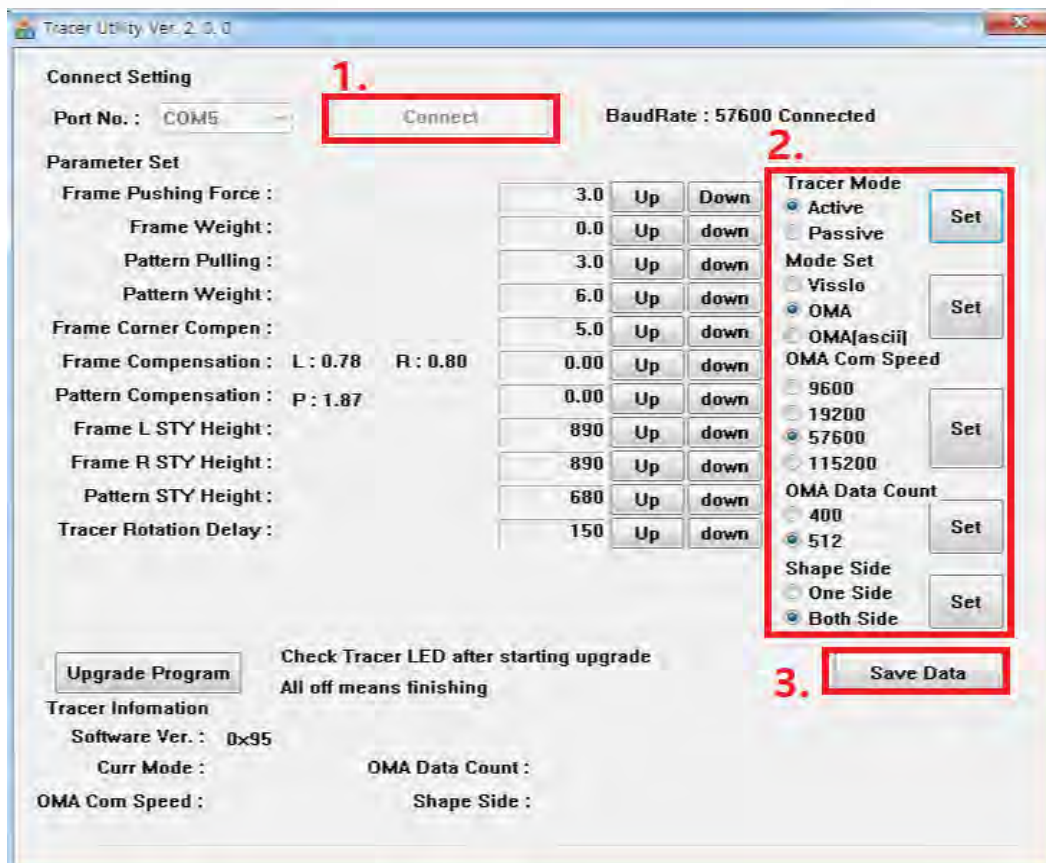
ex)

[COM5 ->Tracer, COM3-> Edger]

C. Turn on the Tracer power.

D. Run the TraceApp program in the folder AIT .

E. Set the port of the Tacer checked in 'B.' and click Connect to set it as follows. (It is COM5 in this manual.)

F. Run the program again and press the Connect button to verify that the settings are saved correctly.

G.Turn off the Tracer

3. How to run

3.1 for shop

A. Insert the Rockey on the PC with the letter S and run the UNILLAB_for Shop program.

[Rockey2 for shop]

B. Set it to the port of the Tracer you checked and start the connection.

[Start button pressed on the screen]

C. Activate the tracer.

D. Check UNILLAB for data entry as follows:

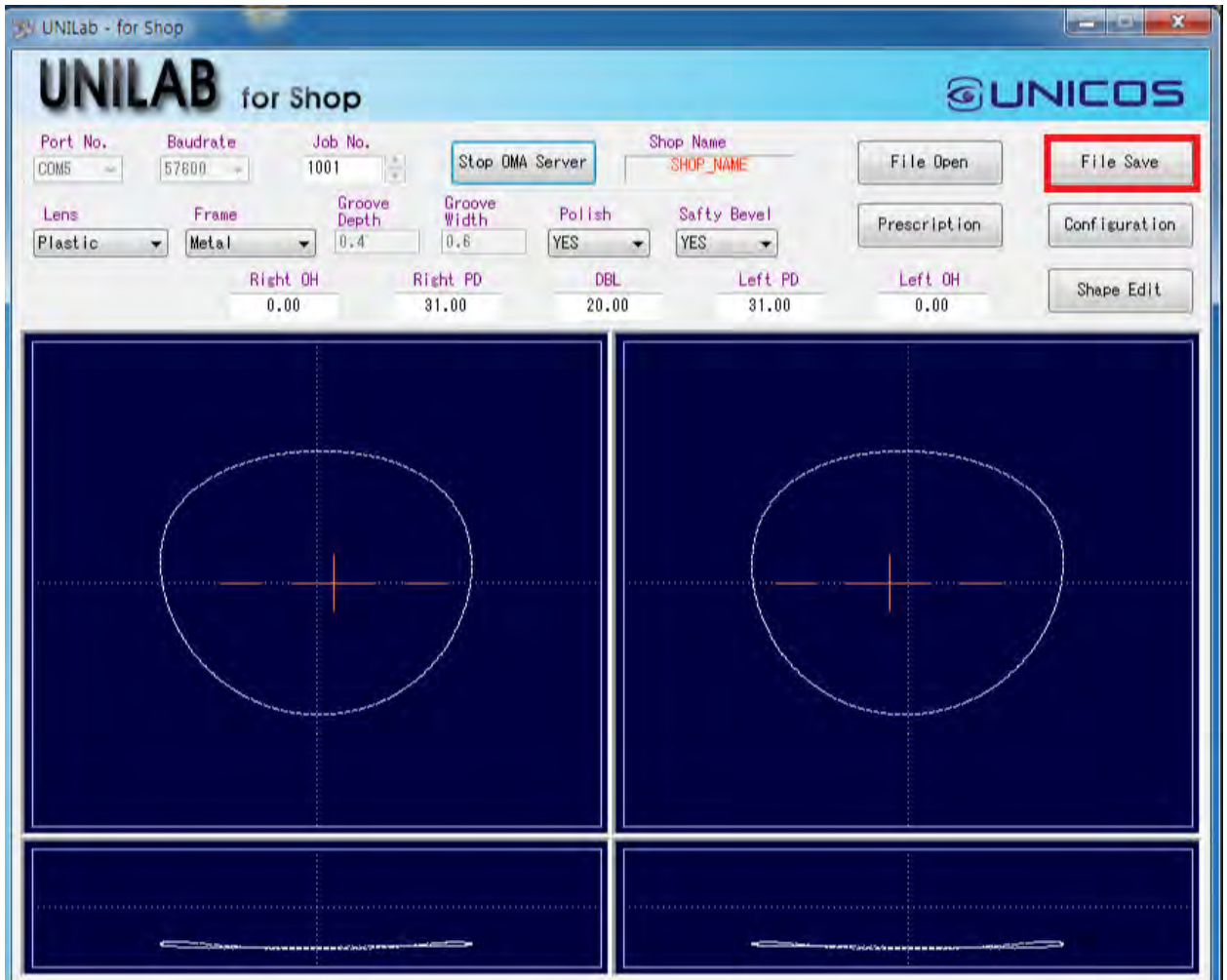(If a TODO error occurs, run the program again and trace it later.)
– Will be fixed later

And presse 'OK' button

6.Click 'File Save' button

*Click on the 'Configuration' button to find the stored location.
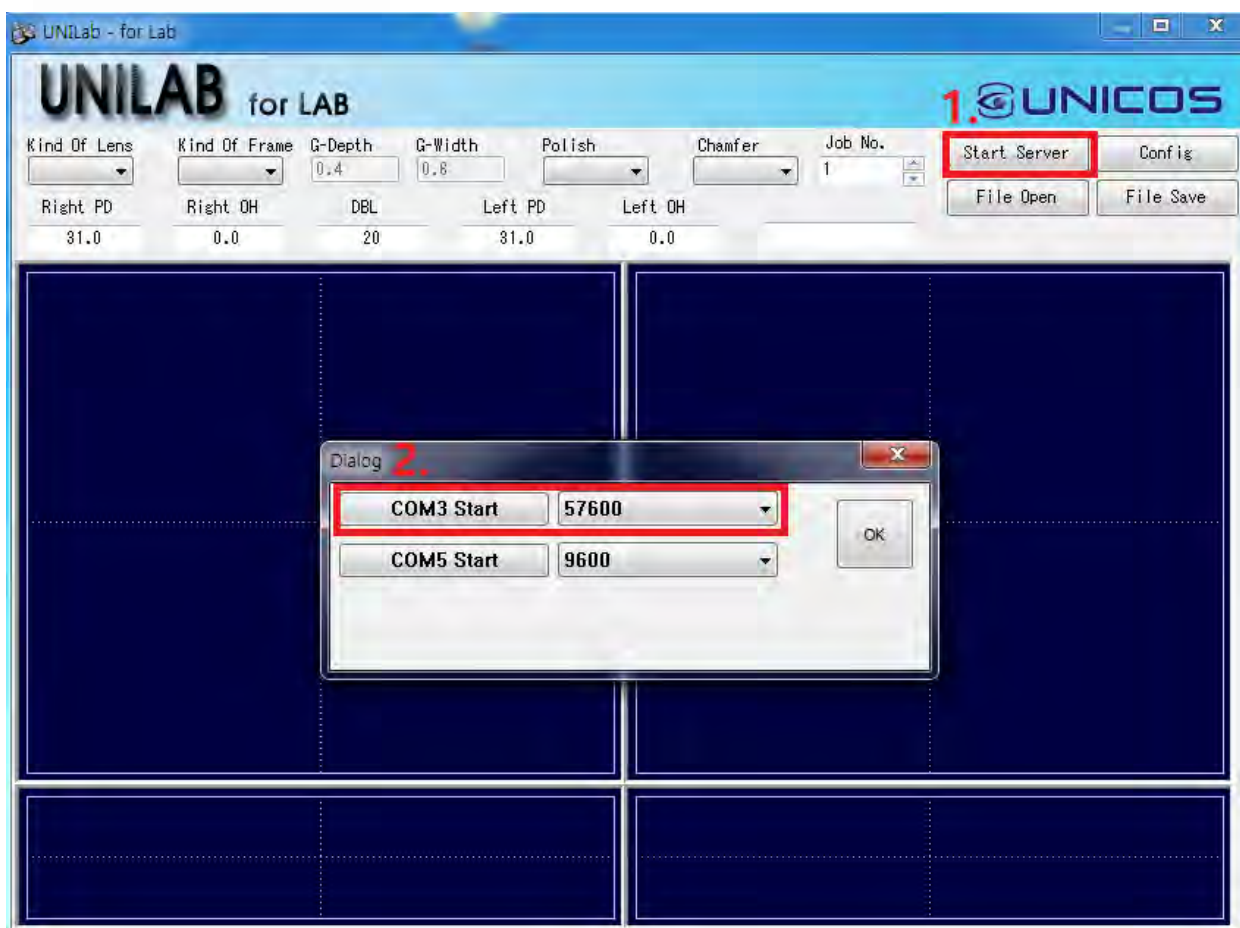
3.2 for LAB

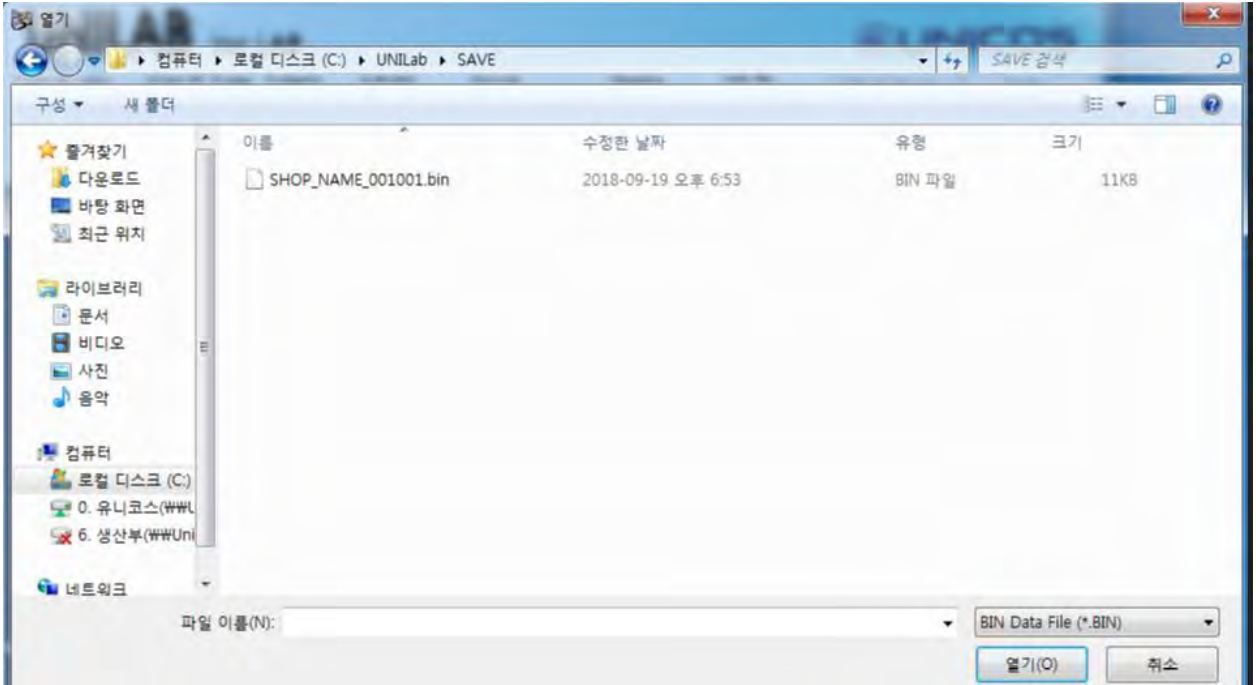1. Insert the Rockey on the PC with the letter L and run the [UNILLAB_for LAB] program.

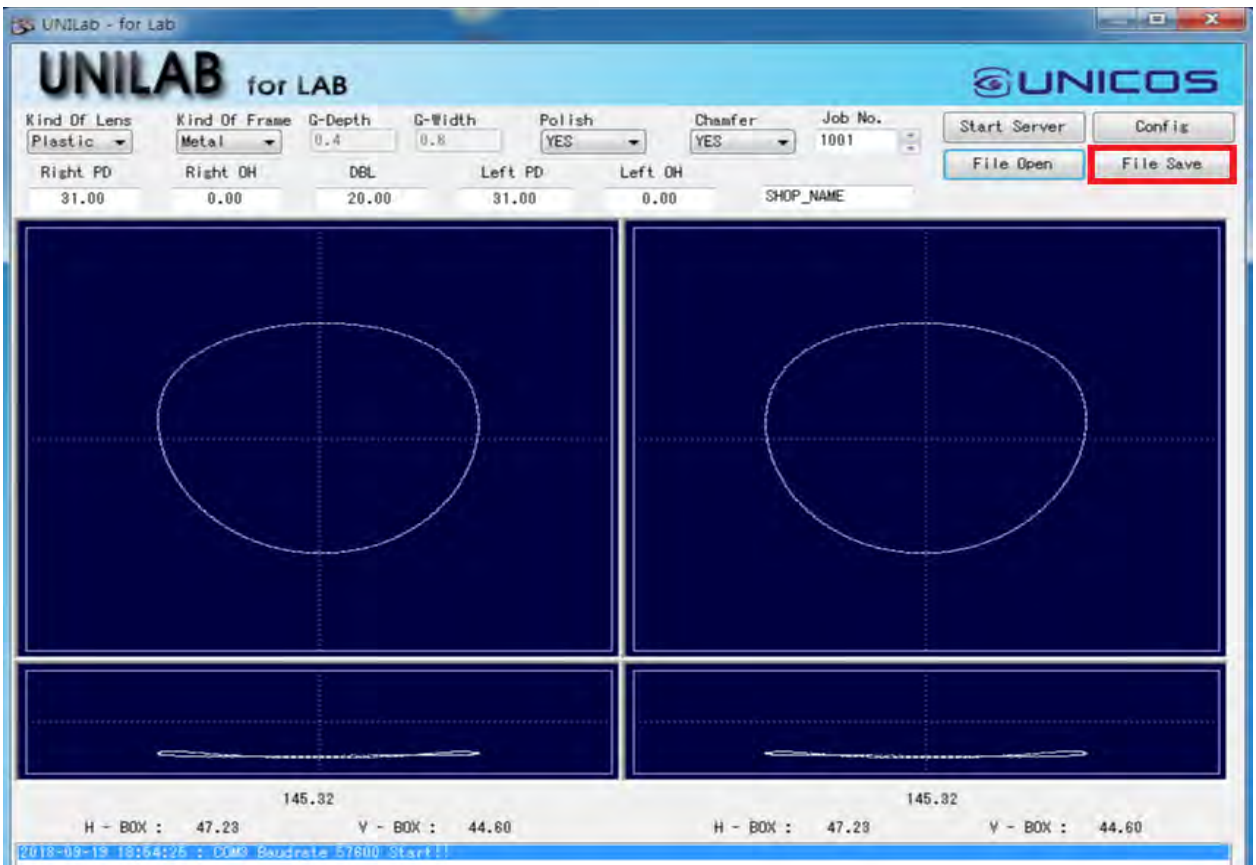2. Click the port associated with the Edger, adjust the baud rate, and click start.

3. Turn on Edger.

*If it goes well, you can check that [Check Oma status ->(0)] message
 and Beep sound

4. Load the saved file from the Tracer [File Open]

and click the 'File Save'button.

5. Press the button on the Edger to equalize the data and job number using the arrow button, then press the button.

Check Oma status ->(0)