

How to Use

Y2 Series

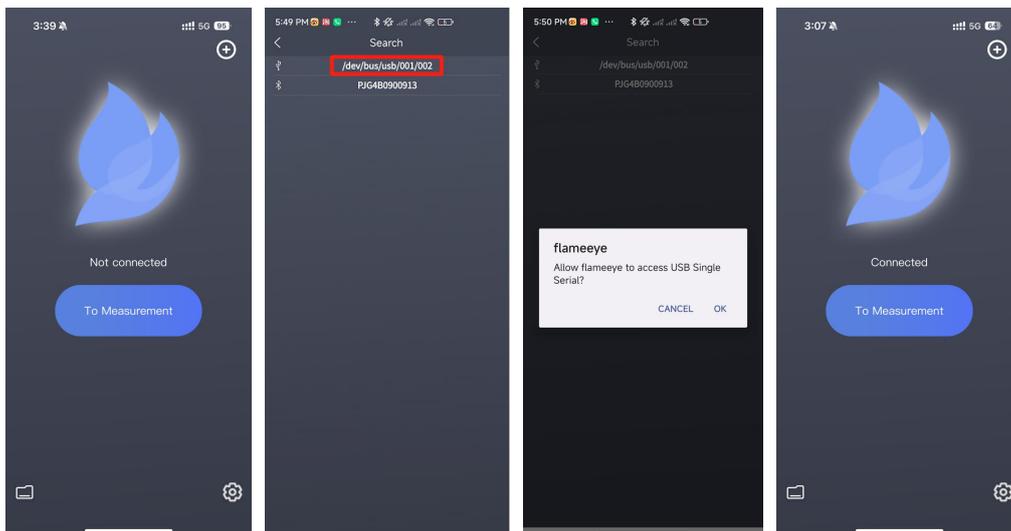
➤ Connection for Android phone

1、 Use a mini USB data cable to connect the spectrometer device, and the other end to the Android phone via a USB to type-C interface.



2、 Open the torchbearer spectrometer measurement software “flameeye”(please refer to the download instructions for software).

3、 Click "+" in the upper right corner to connect.



4、 Click the wired device `"/dev/bus/usb/001/XXX"` to authorize.

5、 Click OK, and click the device ID again to connect.

6、 After the connection is completed, it will automatically jump to the home page and display "Connected". Click "To measurement" and you can use your spectrometer to measure (please refer to the software instructions for software use).

➤ Connection for PC

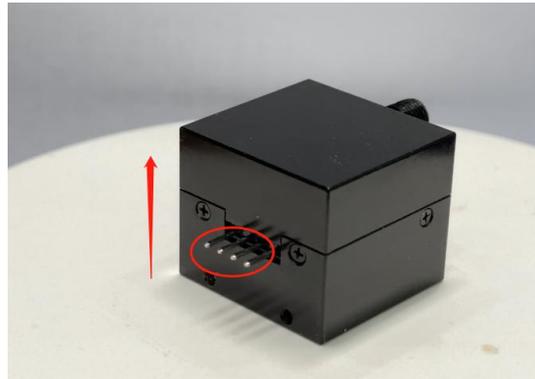
- 1、 Use a mini USB data cable to connect the spectrometer device end and the other end to the computer.



- 2、 Open the client software, select the corresponding serial port, open it and start measuring (please refer to the instructions for software use).

P3/T3/Y3 Series

- 1、 The P3/T3/Y3 series devices use TTL4 serial ports, with the pins placed below the central axis as the front side, and the line sequence colors are **red, white, green and black** for connection. The other end of the data cable is connected to the computer.
- 2、 Open the client software, select the corresponding serial port, open it and start measuring (please refer to the software instructions for software use).



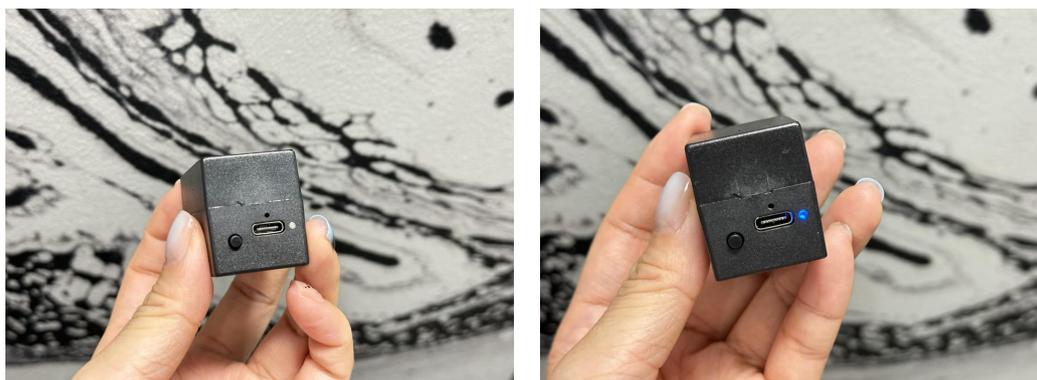
It should be noted here that the Y3 series device can be connected to an Android phone via a USB to type-C interface. The Android connection method is same as YZY2, please refer to the above YZY2 Android connection method.



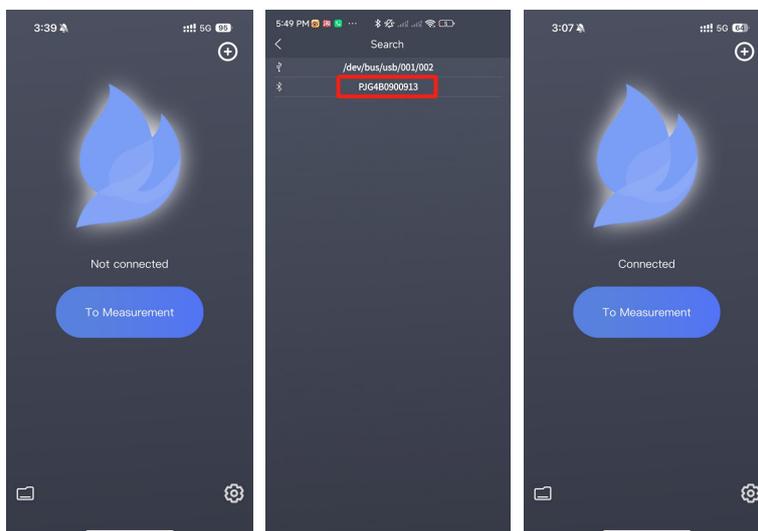
P4 Series

➤ Bluetooth connection for mobile APP

1、The P4 micro spectrometer can connect to Android phone and iPhone via Bluetooth. Short press the power button and the blue indicator light will light up, indicating that the device is in normal working condition. You can connect the device via mobile phone Bluetooth for measurement.



2、Open the torchbearer spectrometer measurement software “flameeye”(please refer to the download instructions for software download).
3、Click “+” in the upper right corner to connect.
4、Select the corresponding device serial number.
5、After the connection is completed, it will automatically jump to the home page and display “Connected”. Click “To measurement” and you can use your spectrometer to measure (please refer to the software instructions for software use).



➤ Connection for PC

Connect the P4 micro spectrometer to the computer via a data cable, short press the power button, the blue light will light up, indicating that the device is in normal working condition, select the corresponding serial port, open it and start measuring (please refer to the software

instructions for software use).

