



The logger sensor enables measuring the volume of our lungs. The sensor includes a tube and it measures the air flow that passes through it. The volume (in liters) is calculated by the software area calculation function.

The tube has a narrow part in its center and it measures the flow rate by measuring the pressure difference between the two ports of the tube.

Specifications

- Used in the fields of Psychology, Biology, Exercise Science, etc.
- Includes a metal tube attachment.
- Includes one package of laminated paper for putting in the tube before using it and exhaling through it.
- The sensor is pre-calibrated at the factory.
- It is recommended to reset the sensor to 0L/s before use.
- Experiment duration: 1 second to 31 days.

ADC Resolution	: ±10L/s
Accuracy	: 15 bits
Resolution	: 0.2L/s
Max. sample rate (S/sec)	: 100

Sensor Requirements

Hardware

- **USB Module (USB-200)**

Direct connection to the computer (PC, Mac, XO, or Linux)



or

- **WiFi Module (WIFI-201 or WIFI-202)**

Wi-Fi communication – For any device which uses WiFi technology (ipads, Tablets, Smartphones and Computers)



- **Optional Accessories:**

Battery Module, RF Communication Module, Graphic Display Module, Digital Display module



Software

- Application for Windows
- Application for Mac
- Web Application for WiFi module
- NeuLog Software



Multiple logger sensors can be used together!



Subject to Change