

This sensor enables to count automatically drops and bubbles. It is perfect for titrations. Combined with the pH sensor it gives a very nice titration curve.

The sensor comes with a pre calibrated value for the drops volume. The user can make his own calibration.



Specifications

- Used in the fields of Chemistry and Biology.
- Uses an infrared beam which passes between the two endpoints of the sensor probe to count drops. As liquid passes through the infrared beam, infrared light is scattered and not noticed by the infrared detector on the opposing side.
- Includes a durable plastic drop counter probe attached directly to the sensor's body by a rubber-coated wire and a threaded rod for easy connection to retort stands or other labware.
- The sensor is pre-calibrated at the factory.
- Experiment duration: 1 second to 31 days.

	Drops	Drops Counter signal
Range and operation modes	0 to 6,500 drops	0 to 6,500 drops X vol. in mL
ADC Resolution	Digital	
Resolution	1 drop	
Drop Max Frequency	6 per second	
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!



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