

## 2B Technologies 臭氧分析仪Models 106-L, 106-M, 106-MH

产品名称	2B Technologies 臭氧分析仪Models 106-L, 106-M, 106-MH
公司名称	长沙巴溪仪器有限公司
价格	40000.00/台
规格参数	106-L:100 106-M:100 106-MH:100
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## 产品详情

### Ozone Monitor Models 106-L, 106-M, 106-MH and 106-H For Industrial Ozone Applications

For industrial ozone applications, 2B Tech offers the Model [106-L](#), [106-M](#), [106-MH](#) and [106-H](#) Ozone Monitors, where L, M, MH and H refer to Low (0-100 ppm), Medium (0-1,000 ppm), Medium-High (0-10,000 ppm) and High (0-20 wt%) ozone concentrations, respectively. These instruments have different optical path lengths in order to accommodate an extremely wide range of ozone concentrations, spanning more than eight orders of magnitude. Additionally, the Model 106-H was designed with a flow-through path that can be pressurized to up to 50 psi for in-line measurements with ozone generators. All four models are available in either a standard enclosure or Industrial enclosure. Configurations for multi-channel sampling are available for Models 106-L, 106-M, and 106-MH. The Model 106 series was designed as an "ozone monitor on a board" in which nearly all of the components are mounted directly to the printed circuit board. Thus, the Model 106 may be purchased without the enclosure for OEM applications. See: [Model OEM-106](#). The Model 106-L is designed for ambient low measurements down to very low ppb levels and has been designated by the EPA as a Federal Equivalent Method (FEM) for monitoring for compliance with the US Clean Air Act: [EQOA – 0914 – 218](#). [Our video](#) describes the different models and configurations for our Model 106-Series Ozone Monitors, and could help determine which model is best for a particular application. [Click here](#) or scroll down on this page to view the video.

### Specifications for Different Optical Benches

[106-L](#) Range Resolution Precision & Accuracy

0-100 ppm

[106-M](#)

0-1,000 ppm

[106-MH](#)

0-10,000 ppm (0-1 vol%)

[106-H](#)

0-20 wt% O<sub>2</sub> or Air 0-14 vol%

## General Specifications

Measurement Principle	UV Absorption at 254 nm
Measurement Interval	2 s
Data Averaging Options	2 s, 10 s, 1 min, 5 min, 1 hr
Flow Rate	~1 Liter/min; Up to 20 L/min for Model 106-H
Data Storage	32,736 lines (10 s avg. = 3.7 days; 5 min avg = 113 days)
Choice of Units	ppb, pphm, ppm, g m <sup>-3</sup> , mg m <sup>-3</sup> (for Models 106-L and 106-M) ppm, mg m <sup>-3</sup> (for Model 106-MH) vol%, wt% air, wt% O <sub>2</sub> , g/m <sup>3</sup> , g/Nm <sup>3</sup> (for Model 106-H)
Data Outputs	USB, RS232, 0-2.5 V Analog, 4-20 mA, LCD Display
Power Requirements	100-240 V AC, 50/60 Hz 11-28 V DC, nominally 500 mA at 12 V DC, 6 watt for Models 106-L, M, and MH 11-28 V DC, nominally 325 mA at 12 V DC, 3.9 watt for Model 106-H
Size (standard enclosure)	3.6 x 7.9 x 9.4 inches (9 x 20 x 24 cm)
Weight (standard and OEM)	4.2 lb (1.9 kg) for Model 106-L; 2.8 lb (1.3 kg) for OEM-106-L 3.9 lb (1.8 kg) for Models 106-M, -MH; 2.5 lb (1.1 kg) for OEM-106-M, -MH 4.4 lb (2.0 kg) for Model 106-H; 2.9 lb (1.3 kg) for OEM-106-H
Size (Industrial enclosure)	16 x 14 x 9.3 inches (40.7 x 35.7 x 23.6 cm) H x W x D
Weight (Industrial enclosure)	~14 lb (6.4 kg) depending on model and multichannel options

## Features

Measurement based on UV absorption

Low power consumption; can be battery operated (optional lithium-ion battery)

Internal data logger with real-time clock

2-s measurement interval

On-board microprocessor with interactive menus includes data averaging options of 10 s, 1 m, 5 m and 1 hr

USB and RS-232 output of time/date, O<sub>3</sub> concentration, internal temperature and pressure

Analog output (0-2.5 V and 4-20 mA) of ozone concentration in user selected units

Two 2-level relays for control purposes (e.g., control of ozone source or turn warning light on and off); Four 2-level relays in Industrial enclosure models and in the 3-channel and 6-channel optional configurations

Long-life pump (15,000 hr) for Models 106-L, 106-M and 106-MH

Bluetooth option for wireless data transmission

Optional configurations for 3-channel or 6-channel air sampling for Models 106-L, 106-M, and 106-MH