

# OM-1000

Portable Dissolved Ozone Monitor  
*High Precision and Accuracy*

## Product Introduction

OM-1000 dissolved ozone monitor from Biotek Ozone is an ideal tool for portable dissolved ozone measurement applications. The electrode sensors are made of 99.9% gold for dissolved ozone sensitivity. The program provides real-time ozone measurements that are precise and accurate to 2 decimal places. Readings are unaffected by other substances in the sample and auto-calibrated to account for variations due to temperature.

## Functional Features

### Direct measurement with auto-calibration:

Direct measurement utilizing 300,000 data sets of temperature-concentration correlation from Biotek R&D laboratories .

### NO interference from residual chlorine:

Sensitive to measure ozone content without interference of residual chlorine in water.

### Clear advantage over measurement strips:

Quick accurate readings instantly. No consumable parts to replace ever. Measures up to 6.0ppm.

### Built-in memory:

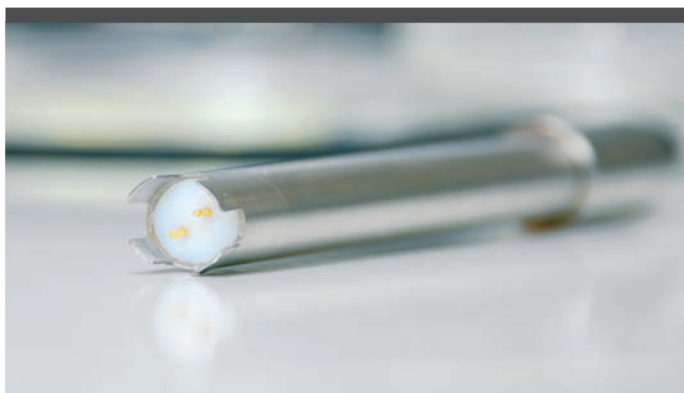
Memory function records up to 9 sets of measurements.

### Portable and convenient:

Compact and light; Real-time measurements.



OM-1000



★ Measurement taken from actual Biotek product. 1.00-6.00 PPM range is typical and easily achieved with Biotek Ozone Systems.

## Production Specifications

### Model OM-1000

#### Dissolved Ozone Monitor:

Measuring range : 0 - 6 ppm

Display Digits : 2 decimal places

Accuracy :  $\pm 0.2$ ppm deviation within sample  
temperature range 10-30°C  
 $\pm 20\%$  deviation above 30°C

Response time : 100% in 3 seconds

Power : One 9V battery

Power consumption : 25MW

Device size : 18 cm x 8 cm x 5.5 cm (LxWxD)

Weight: 0.90 lbs. (410.2g) with sensor

Sensor rod : Standard 0.49 feet (15cm) stainless steel

Sensor cable : Standard 3.77 feet (115cm)

Sensor plug : 0.14 feet (4.5cm) stainless steel

Sensor probe : 99.9% gold electrode

## Product Description

The OM-1000 Monitor measures the concentration of dissolved ozone in water directly without reagents. Displayed measurements are precise and accurate to 2 decimal places.

### Features:

- Measures dissolved ozone concentration in water
- Direct measurement without reagents
- High accuracy in real time
- Interference-free measurement
- Reliable readings
- Ready-to-use plug and play system
- Built-in memory
- Optional temperature sensor for dual parameter measuring
- Automatic shut-off for power saving
- Compact and light
- No replacement parts
- No operating cost
- Portable and minimal maintenance required

### Applications:

- Dissolved/water-residual ozone monitoring for process and inspection applications
- Laboratory Use
- Quality Control

### Accessories:

- Protective hand carry case
- 9V Alkaline Battery x 1
- Probe maintenance kit x 1
- Portable sampling beaker (100ml) x 1

### Guarantee:

- 1 year warranty



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