

Dissolved
ozone monitor

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Dissolved ozone monitor D03



D03 is a rapid, simple to use device for checking the ozone concentration in water and is calibrated in mg/L (same as parts-permillion by volume in water). This small, battery-operated detector offers an inexpensive alternative to more costly inline monitors and requires no disposable reagents. D03 is a practical, versatile detector for applications where the user needs to confirm that a system is ozonating the water, but does not need the accuracy and high cost of complicated analytical, inline dissolved ozone meters.

Specification

Sensor	Transducer Technology T-Series electrochemical (3ET1P03)
Range	0.00–2.00 mg/L (ppm in water by weight), display indicates to 5.00 ppm, accuracy above 2 ppm is not implied
Response time	5 minutes to take final reading, but >90% value available on display after 2 minutes
Accuracy	±25% (0–1ppm); ±30% (1–2ppm) when operated near room temperature, in water samples with low ozone demand.
Recommended water temp	20–30 °C (68–86 °F)
Operation temperature	7–35 °C (45–95 °F)
Size	79.5 x 39.6 x 34.5 mm (3.13" x 1.56" x 1.36")
Weight	49 g. (<2 oz.)
Battery	Battery check on startup and during operation. User replaceable CR2450 coin battery.
Alarm	Audible buzzer, backlight
Sampling method	Gaseous diffusion



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Specification

Interferences	Dissolved chlorine*
Display	Digital LCD in increments of 0.01
User interface	Single button

* The amount of interference depends upon the interfering gas concentration and type.

Features

- Measures dissolved ozone in water
- Hand-held and easy to use
- User-friendly interface

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