TOA DKK

for Liquid Phase | for Gas Phase

OZ-20 OZ-30

PORTABLE OZONE METER

Atmospheric Calibration
Continuous Measurement
Greater Portability

Ozone is used for sterilization of tap water, a swimming pool, processed food such as vegetables, fish and shellfish, and noodles, and also used for deodorization in a refrigerator.
Since it does not leave any harmful substance after decomposition, its demand is expected to increase in the future.
However, ozone is hazardous, and ozone concentrations must be monitored when used.
OZ-20 and OZ-30 have been developed for such applications.
Continuous measurement of ozone in both solution and gas phase can be performed with high accuracy and simple operation.
In addition, it is small and light for use.

DO_3 & O_3

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Portable Ozone Meter for liquid phase OZ-20 / for gas phase OZ-30

■ Features

Easy Operation with High Accuracy

Simply place an electrode in the atmosphere, and ozone concentrations will be promptly indicated.The use of a flow cell (optional) allows the measurement of unstable dissolved ozone with high accuracy.

Atmospheric Calibration Possible

As a simple calibration method, atmospheric calibration is also possible. Calibration is easily carried out as there is no need to prepare ozone each time.

High Stability

Stability of sensitivity for long-term measurement is excellent.
It can also be used as a monitor.

Portable and Lightweight

Compact and lightweight makes point-to-point measurement possible.

Drip-Proof Structure

As the main unit is drip-proof, it is not damaged even if it gets wet.

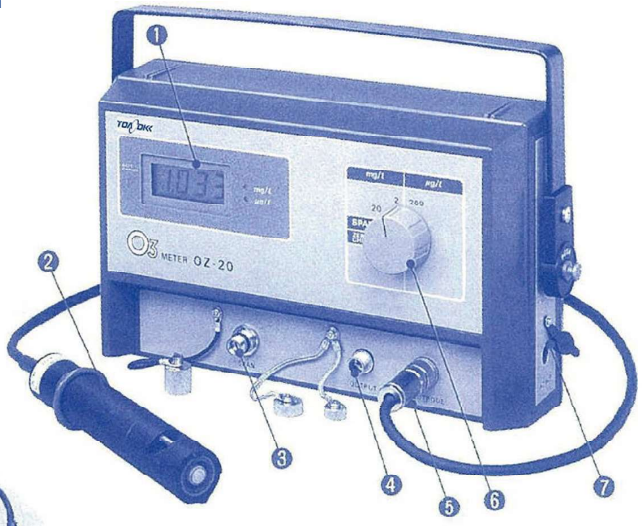
Two Ways of Power Source

Power sources are AC and DC.
It can also be used onsite without AC power supply.

Output for Recorder

Continuous recording of ozone concentrations is possible by connecting the recorder.

Simple and Easy Portable Ozone Meter



1. Display LCD
2. Ozone electrode OZE-2202
3. Span calibration volume
4. Recorder output terminal
5. Electrode connector
6. Measurement range knob
7. AC adapter terminal

OZ-20 for liquid phase

■ Optional

■Flow cell	OZ-1 FL
●Flow rate	0.l to 2L/min
●Pressure	0.5MPaG (5kgs/cm2G) or less
●Wetted materials	SUS316, silicone
●I/O diameter	1/4 inch (outer diameter)
■Carrying case	OZ-2CC

■ Specifications

	OZ-20 (for liquid phase)	OZ-30 (for gas phase)
Measurement Method	Membrane type polarographic method	
Display	LCD	
Measurement Range	0 to 19.99mg/L (The range coinciding with the iodometric titration method within ±10% is 1.5mg/L (25 °C) or more.)	0 to 100g/m3 (The range coinciding with the iodometric titration method within ±10% is 1.0g/m3 (25°C) or more.)
Sample Temperature	5 to 45℃	
Repeatability	±2% ±1dig of FS (at constant temperature)	
Responsiveness	90% response within 30 sec (25°C)	
Temperature Compensation	Automatic temperature compensation	
Output for Recorder	0 or more for each rage 0 to 1V to full scale	
Power Supply: DC power supply	Six C size alkaline batteries	
AC power supply	AC100V (dedicated AC adaptor)	
Dimensions	Approximately 160 (H) × 250 (W) × 95 (D) mm	
Weight	Approximately 2.1 kg	
Electrode Dimension	Φ25× 147(L) mm	
Standard Accessories	Ozone electrode (OZE-2202)··· 1 set	Ozone electrode (OZE-2203)··· 1 set
	C size alkaline batteries (for testing) ・・・・・ 6 pcs. AC adapter (YD-12) ・・・・・・・・・・・・・・ 1 piece Output cable (DO-1L) ・・・・・・・・・・・・・ 1 piece Shoulder belt ・・・・・・・・・・・・・・・・ 1 piece Instruction manual ・・・・・・・・・・・・・・ 1 copy	

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⚠ CAUTION Please read the operation manual carefully before using products.

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Specifications and prices are subject to change without notice.

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