

OZ-21P

Hand Held Ozone Meter



*Easy measurement on
the concentration of ozone
vomited from ozone producer
without using reagent*

< As reagent is not used, operational running cost will be lower. >

< Measured value is indicated in digital and will be printed out. >

Printer is optional separate type.

Features

- Low operational cost because of not using reagent
- Easy measurement as just pressing START button after immersing sensor into ozone water and the measurement result is digitally indicated (Auto hold function is available)
- Measuring range is 0 to 2.00mg/L (Lower detection limit is 0.05mg/L)
- Main unit is designed as water proof type (When being connected with sensor)
- Stable measurement by polarograph method (with bead polishing system)
- Mass capacity of data storage memory (300) is available
- Data can be printed out or is transferable to PC (Option)

Specifications

Model No.	OZ-21P
Sensor	OZ-221A
Measurement method	Polarograph
Sample water	Ozone water (solution to make the ozone dissolve into city water or underground water) pH: pH5.5 - 8.5, Electric conductivity: 10 – 200mS/m (100uS/cm - 2mS/cm) Note: Sample solution after washing vegetable, fruit and/or meat is not measurable
Measuring object	Dissolved ozone
Repeatability	Auto Hold Mode 1: Dis. Ozone: +/- 5% FS (+/- 0.1mg/L) Temp.: +/-0.5 C. Degree Auto Hold Mode 2: Dis. Ozone: +/-10% FS (+/-0.2mg/L) Temp.: +/-1.0 C. Degree
Response time	Auto Hold Mode 1: Shorter than 1min. & 30 second (at 25 C. Degree) Auto Hold Mode 2: Shorter than 1min. (at 25 C. Degree)
Measurement conditions	Measurement is taken in sample water flow at 100 – 200mL/min. Sample water flow must be stable
Sample water temperature	5 – 40 C. Degree
Ambient temperature	0 – 40 C. Degree
Interference substance	Oxidizing or reducing substance
Alignment	Zero calibration, Span calibration (tune in to other analysis value)
Material	Main unit: ABS, Sensor: PVC, Gold, Silver, Epoxy resin, ABS, Silicon, Polyethylene, Stainless steel, alumina
Length of cable lead of sensor	1m (3m type is available as option)
Power Source	Dry cell LR6 or AA size 2 pieces or AC adapter (Option)
Life span of dry cell	Approx. 12 hours * Continuous measurement as monitoring use can not be performed
Output	Printer output, RS-232C interface is provided as standard
Water proof construction	JIS C920 Protection class 7 (Water proof type IP67)
Dimension (Not including projection parts)	Main unit: Approx. 187 (D) x 37.5 (H) x 75 (W) mm Electrode: Approx. O.D. 42 x 142 (L) mm
Weight	Main unit: Approx.305g (including dry cells), Sensor: Approx.180g (when a bead polishing kit is attached to sensor)

Standard Accessories	Dissolved ozone sensor (OZ-221AA) x 1, Measuring beaker (136C300) x 1, bead polishing kit (0IZ00005) x 1, Cathode polishing paper (0LZ00001) x 1, Hand strap (0TZ00006) x 1, Exclusive driver (0OZ00001) x 1, Vinyl case (0TZ00005) x 1, Dry cell LR6 x 2 (for initial test purpose), Instruction manual x 1, Quick reference manual sheet x 1
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