O_3

16

DISSOLVED OZONE METER O_3-3F

(Range : 0~3mg/ℓ)

◆Outline

This is Dissolved Ozone Meter of Light Absorbance Method, which enables to measure Ozone Density up to high Density of 3mg/ℓ existing in the sterilized or oxidized Liquid.
Measuring Reagent is a packed Special Powder Reagent and can measure Ozone Density speedily and precisely. The measuring Principle is the Light Absorbance Method with LED as Light Source and Photo-Diode as Light Receiver. Which is also the Newest, High Efficient, Light Absorbance Ozone Density Meter.

◆Specifications

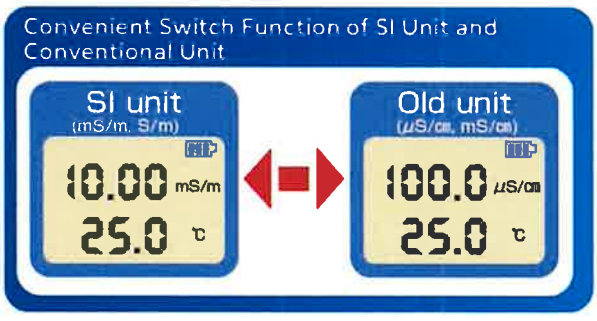
Measuring Principle	Light Absorbance Method by O_3 Reagent Coloring
Measuring Object	Dissolved Ozone Density
Measuring Range	0.00~3.00mg/ℓ
Resolution	0.01mg/ℓ
Error Message	Blinking LCD display at over 3mg/ℓ Low Battery Voltage Display : BAT ERR Inferior Zero Calibration Indicates : CAL ERR
Auto Power-off	After display of the Measured Value for 5 Seconds
Power Supply	Alkaline Battery (LR03)×4,(DC6V)
Dimensions	Approx 75(W)×180(D)×38(H)mm
Weight	Approx 500g(main body)
Standard Accessory	Measuring Cell with Cell Cap : ×2 Sets Packed Powdery Reagent for Dissolved Ozone model : **OZ-K-1**(for 100 Tests) : ×1 Pipette 5mℓ : ×1 Carring Case : ×1
Optional Accessory	Packed Powder Reagent for Dissolved Ozone model : **OZ-K-1**(for 100 Tests)×1

EC

17

ELECTRIC CONDUCTIVITY METER EC-5Z

High Chemical Proof Carbon Electrode Type, Electric Conductivity Sensor



◆Possible to measure Electric Conductivity, Salt Density, and Temperature

Sensitive EC Sensor of measuring from Low to High Density

◆Specifications

Product Name	Conductivity Meter	
Model	EC-5Z-H(For high density)	EC-5Z-L(For Low Density)
Std. Electrode	ECD-4C(Cell Constant : 400m^{-1}) ※Conventional unit : 4.0cm^{-1}	ECD-1C(Cell Constant : 100m^{-1}) ※Conventional Unit : 1.0cm^{-1}
Method	AC 2 Electrode System	
Display	LCD 4 digits 2 stages (Upper : Conductivity : lower : TEMP)	
Measuring Range	①0~20 S/m : SI Unit ②0~200 mS/cm : Old Unit ③0~10% NaCℓ ④0~100℃	①0~2 S/m : SI Unit ②0~20mS/cm : Old Unit ③0~1.2% NaCℓ ④0~100℃
Display Range (Resolution)	①SI Unit conductivity 0.0~999 mS/m 1.000~9.999 S/m 10.00~20.00 S/m ②Old Unit Conductivity 0.0~999 mS/m 1.000~9.999 mS/cm 10.00~99.99 mS/cm 100.0~200.0 mS/cm ③Salinity : 0.00~10.00 NaCℓ ④Temp : 0.0~100℃	①SI Unit conductivity 0.0~99.99 mS/m 100.0~9.999 mS/m 1.000~2.000 S/m ②Old Unit Conductivity 0.0~999.9 μS/m 1.000~9.999 mS/cm 10.00~20.00 mS/cm ③Salinity : 0.00~1.20 NaCℓ ④Temp : 0.0 ~ 100℃
Power Supply	Alkaline battery LR03×3 (DC4.5V)	
Dimensions / Weight	Meter : Approx 75(W)×180(D)×38(H)mm / 300g	

◆Detector

Model	ECD-4C(For high density)	ECD-1C(For low density)
Cell constant	400m^{-1} (SI Unit) 4.0cm^{-1}(Old Unit)	100m^{-1} (SI Unit) 1.0cm^{-1}(Old Unit)
Measuring range	0.1mS/m~20 S/m (SI Unit) 1μS/cm~200 mS/cm (Old Unit)	0.01mS/m~2 S/m (SI Unit) 0.1μS/cm~20 mS/cm (Old Unit)
Temperature	0~100℃	
Material	PPS, PP, FKM, Carbon	