

Higher correlation with Gas Chromatograph-Mass Spectrometer

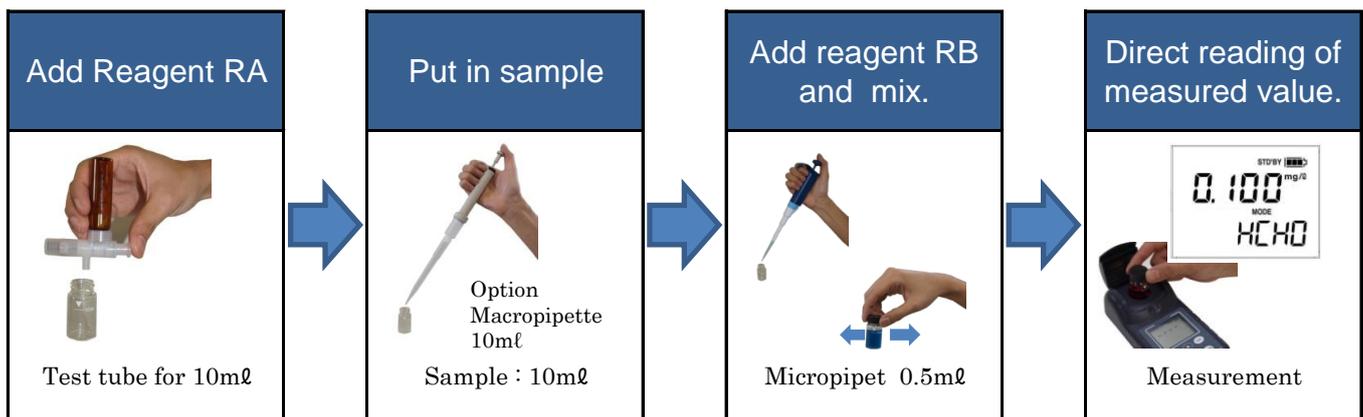
Formaldehyde Density Meter



HCHO-V1

Formaldehyde Density Measurement
0.000~0.300mg/l

◆ Easy and simple operation ◆

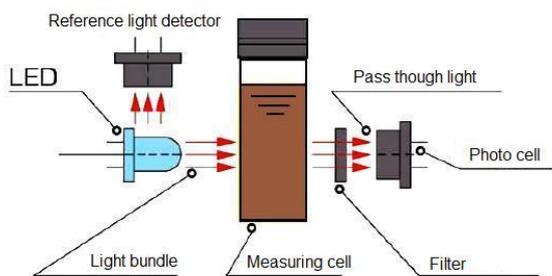


Density Meter of Formaldehyde in water HCHO-V1

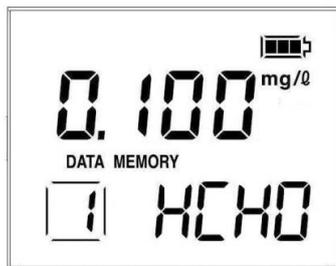
◇ Features

- ① Density measurement of formaldehyde
0.000~0.300mg/ℓ
- ② Capable of measuring max 0.001 mg/ℓ
- ③ Easy and simple operation
- ④ Higher correlation with
Gas Chromatograph-Mass Spectrometer

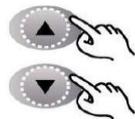
◇ Measurement principle figure



◇ Memory function



With the memory and call back function of max 19 data



■ Technical information

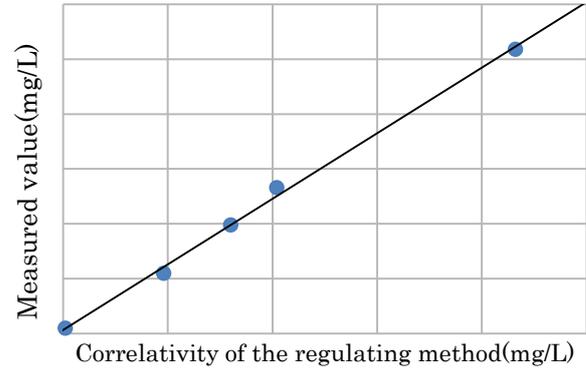
Character

Formaldehyde is also called oxidization methylene, a chemical formula is denoted by HCHO, and toxicity is strong. It has the character simply combined with phenol, melamine, urea, etc. Moreover, formaldehyde has the character of easily melting into water, and 37% or more of solution is called formalin, and is specified as highly poisonous and deleterious substances under Poisonous & Deleterious Substances Regulation Law.

Generation process

- Example①: It is generated automatically in a nature. it is generated in an action of sunlight and enzyme from the compound of methane and other carbon in the atmosphere, and hydrogen.
- Example②: Hexamethylenetetramine reacts with the chlorine for disinfection and formaldehyde is generated.

Correlativity of the regulating method and measured value



■ Specifications

Product name	Formaldehyde Density Meter
Model	HCHO-V1
Measuring method	MBTH Coloring Method
Range	0.000~0.300mg/ℓ
Resolution	0.001mg/ℓ
Accuracy	Within ± 5%
Sample water temperature	25°C±3°C
Coloring reagent	HCHO-V1-RA powder 0.1g/time HCHO-V1-RB liquid 0.5ml/time
Power Source	Alkaline Battery LR03×4 (DC6V)
Weight	Approx. 310g
Standard Components	Meter (HCHO-V1), Measuring vessel (with cover) ×4, dropper 5ml, Carrying case, Instruction manual, Written guarantee, Alkaline battery (LR03×4)
Optional Accessories	Macropipette 10ml

● Be sure to measure sample water within the temperature of 25±3°C

Usage

Drainage of farmers' village, plant, culture farm, rivers, lakes, etc.

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