

# 2 pH/ORP METER

# KP-10Z

**pH & ORP, Temperature Measurement Just with One Single Electrode**

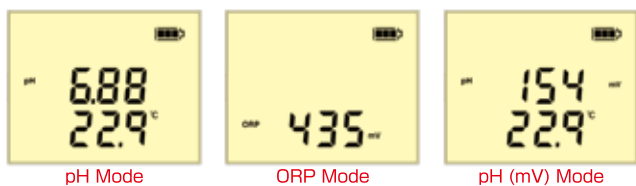


Standard Type CE-106

Throw-in Type CE-120-3

**4 items are measured by a Single Electrode.**

By shifting mode switch, pH/ORP/Water Temperature/mV (Electrode Potential) are measured.

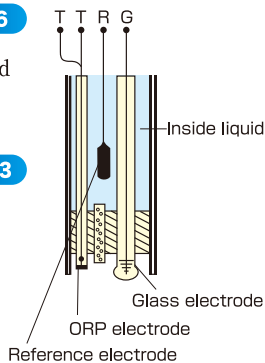


**Standard Type pH/ORP Electrode CE-106**

pH/ORP/water temperature are measured by inside-liquid supplying type Electrode.

**Throw-in Type pH/ORP Electrode CE-120-3**

Not inside-liquid supplying Type, but Double Junction structure, and strong on Water Pressure, therefore, excellent in water measurement at depth. Either Throw-in Type or Standard Type is available.



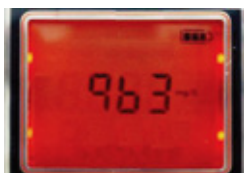
**pH Electrode and The Unit Itself are Realized to be Pb Free.**

**Optional Between Standard Type and Throw-in Type Electrode**

**Water-proofed (IP67)**

**With Memory Function**

**With Back Light**



Easy to read in the dark with back light  
At measuring Mode, press back light switch  
⇒ LED turns on ⇒ Automatically turns off after 10 Seconds



**Specifications**

Meter	
Product Name/Model	pH/ORP meter : KP-10Z
Measuring Method	pH : Glass Electrode Method ORP : Pt Electrode Method Temp : Semi-conductor Thermal Sensor
Measuring Range	pH : 0.00~14.00 mV : -1900~1900mV(Electromotive Power of pH Electrode) ORP : -1900~1900mV(Oxidation-Reduction Potential) Temp : 0.0 ~ 50.0°C
Resolution	pH : 0.01pH mV : 1mV ORP : 1mV Temp : 0.1°C
Accuracy	pH : within ±0.02 mV : within ±2mV ORP : within ±2mV Temp : within ±0.5°C
Display	LCD digital pH/mV : LCD 4 digits (upper site) Temp : LCD 3 digits (lower site) Memory : LCD 2 digits
Data Memory	Max. 30data
Power Supply	DC 4.5V(LR03 battery×3) Auto Power off System(30min.)
Outer Dimensions	70(W)×170(D)×36(H)mm
Weight	Approx. 290g

pH/ORP Electrode	
Product Name	pH/ORP Electrode
Model	Standard type : CE-106 (W/Cable 1m) Std. Throw-in type : CE-120-3(W/Cable 3m) Optional
Outer dimensions & Weight	CE-106 : φ16×173 Approx. 110g CE-120-3 : φ25×188 Approx. 360g

**Standard Components**

pH/ORP Meter, Alkaline Battery : LR03×3(Already set in the Meter Body)  
Standard Type pH/ORP Electrode : CE-106  
pH7 Standard Solution : 50m ℓ , pH4 Standard Solution : 50m ℓ ,  
Electrode inner liquid(3.3mol KC ℓ) : 50m ℓ , Beaker : 50m ℓ , Pipette, Carrying case

**Optional Accessory**

Throw-in Type pH/ORP Electrode : CE-120-3 (Cable length : 3m)