

36

WATER QUALITY INSPECTION METER FOR WASTE WATER, AGRI-CULTURE, FISHERY

AQ-V1

Water quality inspection of Ammonia, Nitrogen, Phosphate, Potassium, etc.

8 Item Measurement

- PO₄-P
- NO₂-N
- NO₃-N
- NH₄-N
- K
- Abs-Red
- Abs-Green
- Abs-Blue

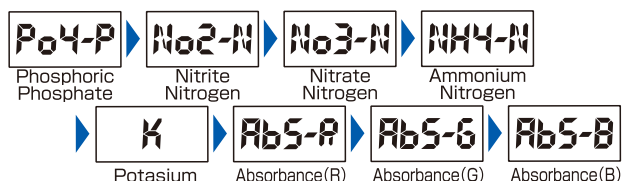


Possible to measure 8 Parameters just by One Single Unit

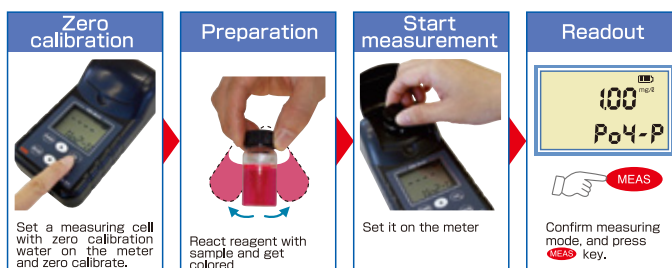
PO₄-P, NO₂-N, NO₃-N, NH₄-N, K⁺, Abs (660nm), Abs (520nm), Abs (460nm)

Selection of measuring Mode

Measuring Mode changes like below

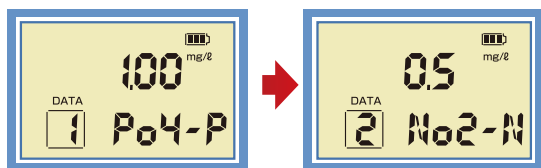


Measuring Operation



With Memory Function

Max. 19 Data is memorized, possible to call back by using ▲ and ▼ keys.



Simplified Measuring Operation



Measurement by 3 key Operation

Zero Calibration is OK by pressing CAL key.

Table for Measuring Item, Measuring Range and Reagent

Item	Measuring Object	Measuring Range	Reagent	tests/Q, ty
PO ₄ -P	Phosphate-Phosphorus	0~1mg/l	PO ₄ -T-RA/RB	50/1
NO ₂ -N	Nitrite-Nitrogen	0~0.2mg/l	NO ₂ -T-RA/RB	50/1
NO ₃ -N	Nitrate-Nitrogen	0~1mg/l	NO ₃ -T-RA/RB	50/1
NH ₄ -N	Ammonium-Nitrogen	0~10mg/l	NH ₄ -R1/2/3	50/1
K	Potassium	0~10mg/l	K-RA	50/1
Abs-R	Absorbance(660nm)	0~2Abs	No use	
Abs-G	Absorbance(520nm)	0~2Abs	No use	
Abs-B	Absorbance(460nm)	0~2Abs	No use	

Specifications

Product Name	Multi-Parameters, Water Quality Inspection Meter
Model	AQ-V1
Measuring object	For Waste Water, Agri-Culture, Fishery
Method	Light Absorbance Method
Measuring Range	PO ₄ -P : Phosphate-Phosphorus 0.00~1.00mg/l NO ₂ -N : Nitrite-Nitrogen 0.000~0.200mg/l NO ₃ -N : Nitrate-Nitrogen 0.00~1.00mg/l NH ₄ -N : Ammonium-Nitrogen 0~10mg/l K : Potassium 0~10mg/l Abs-R : Absorbance(red) 0~2Abs Abs-G : Absorbance(green) 0~2Abs Abs-B : Absorbance(Blue) 0~2Abs
Resolution	PO ₄ -P : 0.01mg/l NO ₂ -N : 0.001mg/l NO ₃ -N : 0.01mg/l NH ₄ -N : 0.1mg/l K : 0.01mg/l Abs-R : 0.001Abs Abs-G : 0.001Abs Abs-B : 0.001Abs
Memory Function	MAX 19 measuring Value Memory
Power Supply	Alkaline Battery LR03×4(DC 6V)
Dimension & weight	88(W)×174(H)×65(D)mm, Approx 200g
Standard components	Meter, Measuring Cell, Spoit, Carrying Case,
Optional Accessories	Measuring Reagents ※Please select the Reagent in ordering