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

**AQ-V1**

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

**8 Item Measurement**

- PO<sub>4</sub>-P
- NO<sub>2</sub>-N
- NO<sub>3</sub>-N
- NH<sub>4</sub>-N
- K
- Abs-Red
- Abs-Green
- Abs-Blue

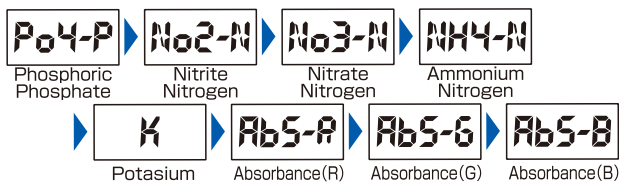


**Possible to measure 8 Parameters just by One Single Unit**

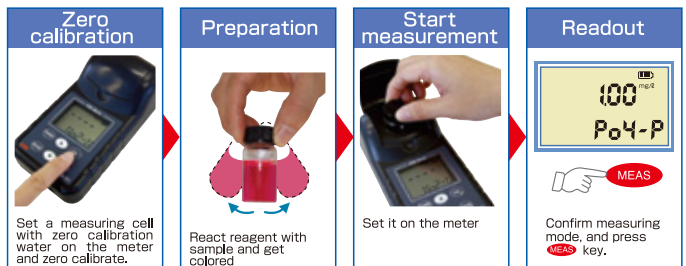
PO<sub>4</sub>-P, NO<sub>2</sub>-N, NO<sub>3</sub>-N, NH<sub>4</sub>-N, K<sup>+</sup>, Abs (660nm), Abs (520nm), Abs (460nm)

**Selection of measuring Mode**

Measuring Mode changes like below

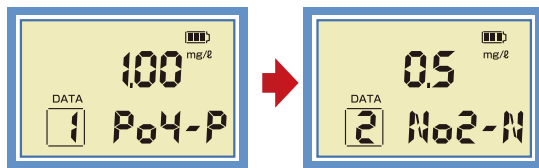


**Measuring Operation**



**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 <sub>4</sub> -P	Phosphate-Phosphorus	0~1mg/l	PO <sub>4</sub> -T-RA/RB	50/1
NO <sub>2</sub> -N	Nitrite-Nitrogen	0~0.2mg/l	NO <sub>2</sub> -T-RA/RB	50/1
NO <sub>3</sub> -N	Nitrate-Nitrogen	0~1mg/l	NO <sub>3</sub> -T-RA/RB	50/1
NH <sub>4</sub> -N	Ammonium-Nitrogen	0~10mg/l	NH <sub>4</sub> -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 <sub>4</sub> -P : Phosphate-Phosphorus 0.00~1.00mg/l NO <sub>2</sub> -N : Nitrite-Nitrogen 0.000~0.200mg/l NO <sub>3</sub> -N : Nitrate-Nitrogen 0.00~1.00mg/l NH <sub>4</sub> -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 <sub>4</sub> -P : 0.01mg/l NO <sub>2</sub> -N : 0.001mg/l NO <sub>3</sub> -N : 0.01mg/l NH <sub>4</sub> -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