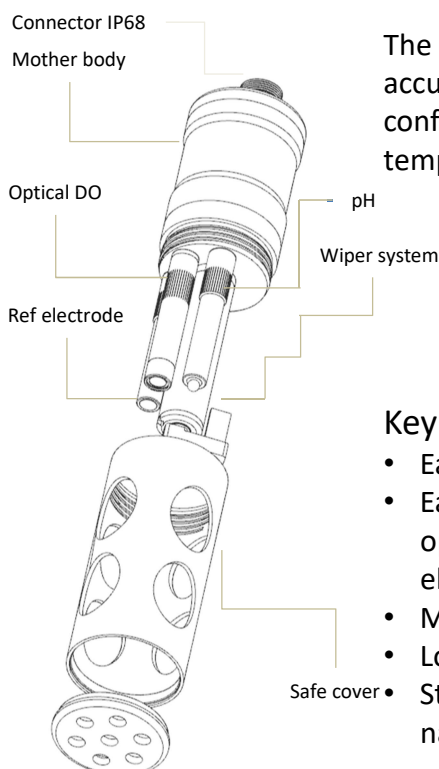


4 Parameters Sonde with Wiper -For Aquaculture



AQUA200- a 4 parameters sonde for aquaculture application



The AQUA200 water platform is rugged in aquaculture water, delivering accurate, reliable data in an easy-to-use for end fisherman. Base sonde configuration includes optical dissolved oxygen(optical DO), pH, ORP, temperature and wiper system.

Key Advantages:

- Easy to use - support RS485 and Modbus protocol
- Easy to maintain - auto wiper system for antifouling for months, optical DO drift <1% per year, robust pH, ORP and reference electrode.
- Materials - Right housing materials for aquaculture
- Low cost - all made in China
- Strong technical capability - own all technologies including nano-materials, optical sensing and software algorithm

Specification



Technical Specifications

Measurement Method	DO: EPA-approved : 1002-8-2009, 1003-8-2009,1004-8-2009
	pH:Std. Methods 4500-H+/EPA 150.2
	ORP: Std. Methods 2580
Range	DO: 0-20mg/L Or 0-200% Sat., pH: 0-14,ORP: -1200~+1200mV, Temperature: -5~50°C
Resolution	DO: 0.01mg/L Or 0.01% Sat., pH: 0.01, ORP: 1mV
Accuracy	DO: +/-0.3mg/L Or 3% FS, pH +/-0.2@10~30°C, ORP +/-10mV, Temperature +/-0.3°C@5~50°C
Operating temperature	0~45°C
Storage Temperature	-10~50°C
Clean system	Auto wiper system is optional
Warranty	1 year (pH and reference electrode 0.5 year)
Depth	IP68, 10m Max
Power	12V 60mA (normal)
Output	RS485 and Modbus protocol
Materials	Titanium(mariculture) or SS316(freshwater aquaculture), POM, Nylon, PUR
Dimensions	Length 275mm, diameter 69mm, weight 0.8kg in air without cable
Field life*	DO 2 years or greater, pH and ORP 1 year or greater, temperature 2 years or greater, wiper system 1.5 year or greater
Recommended Calibration Frequency*	DO 6 months, pH and ORP 8-12 weeks, temperature 1 year, wiper system inspection 12 months.

Note: *Field life and calibration frequency dependent on site conditions.

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Order info:

PN: 610112 Optical DO SS316 shell

PN: 941622 Mother body/sonde

PN: 741622 Wiper sub-system

PN: 723810-O ORP electrode

PN: 723810-P pH electrode

PN: 723810-R Reference electrode