

CHASING

# CHASING Multi-Parameter Sonde

| Users of CHASING M2 PRO and CHASING M2 PRO MAX



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### CHASING Multi-Parameter Sonde

CHASING Multi-Parameter Sonde is an exclusive accessory prepared for CHASING M2 PRO and CHASING M2 PRO MAX. With CHASING Multi-Parameter Sonde, **The ROV can measure five parameters in an accurate and layered mode and provide real-time measurement data. Simple and easy-to-use, efficient and reliable.**

CHASING Multi-Parameter Sonde can support water environment research, water quality investigations, testing, and management through reliable and comprehensive measurement data. In addition, if equipped with the Sonde, the ROV can reduce measurement procedures, making water quality testing more efficient.





# Measuring Five Parameters Simultaneously With Accurate Data

Featuring multiple probes, CHASING Multi-Parameter Sonde can accurately measure five parameters, including pH, dissolved oxygen, turbidity, conductivity (seawater and fresh water), and salinity in a water area and provide comprehensive and precise measurement data for the water quality testing report.



**Conductivity**  
(seawater, fresh water)

**Salinity**



**pH**

**Dissolved oxygen**

**Turbidity**

# Layered and Multi-Point Measurement, Real-Time Data Feedback

With CHASING Multi-Parameter Sonde, the ROV allows you to conduct layered and multi-point measurements under the water. For example, you can test and compare water quality in places that are 5 meters, 10 meters, and 15 meters beneath the surface or within a radius of 0-400 meters in a place that is 10 meters beneath the surface in a water area. In addition, you can obtain real-time data and records of measured parameters through the app.



pH	Dissolved oxygen(mg/L)	Turbidity(NTU)	Conductivity(µS/cm)	Salinity(ppt)
9	16.89	7.5	0.3	0.01

Obtain Real-time Measurement Data of Five Parameters by an App



Conduct Layered and Multi-point Measurements Underwater



# Easily, Efficiently, and Reliably Measuring Water Quality in Precise Locations

A single complete

## CHASING Multi-Parameter Sonde

- Multi-Parameter Sonde with four probes: It can simultaneously measure five parameters in map points that have the same latitude and longitude.
- Ensure the accuracy of measurement data.



Conductivity (seawater, fresh water) 、 pH  
Dissolved oxygen, Salinity, Turbidity

4 times back and forth

## Other Single-Parameter Sonde

- Single-Parameter Sonde with a single probe: The probe needs to be pulled out of the water and replaced multiple times.
- ROV needs to operate repeatedly, causing the sampling point to deviate.



# Product Parameter

<b>Measurement Parameter</b>	pH	Measurement Principle: glass-electrode method
		Range: 0-14PH
		Resolution: 0.01PH
		Accuracy: ±0.02PH
	Dissolved oxygen	Measurement Principle: fluorescence method
		Range: 0-20mg/L
		Resolution: 0.01mg/L
		Accuracy: ±0.3mg/L
	Turbidity	Measurement Principle: 90° light scattering method
		Range: 0-1,000NTU
		Resolution: 0.1NTU
		Accuracy: ±5%F.S ±0.3NTU

<b>Measurement Parameter</b>	Conductivity of fresh water	Measurement Principle: using graphite electrodes
		Range: 0-5,000uS/cm (fresh water)
		Resolution: 1us/cm
		Accuracy: ±1.5%F.S
	Conductivity of seawater	Measurement Principle: using magnetic electrodes
		Range: 0-400mS/cm (seawater)
		Resolution: 0.1mS/cm
		Accuracy: ±1.5%F.S
<b>Dimensions</b>	400*170*145mm	
<b>Measurable Depth</b>	20M	

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