

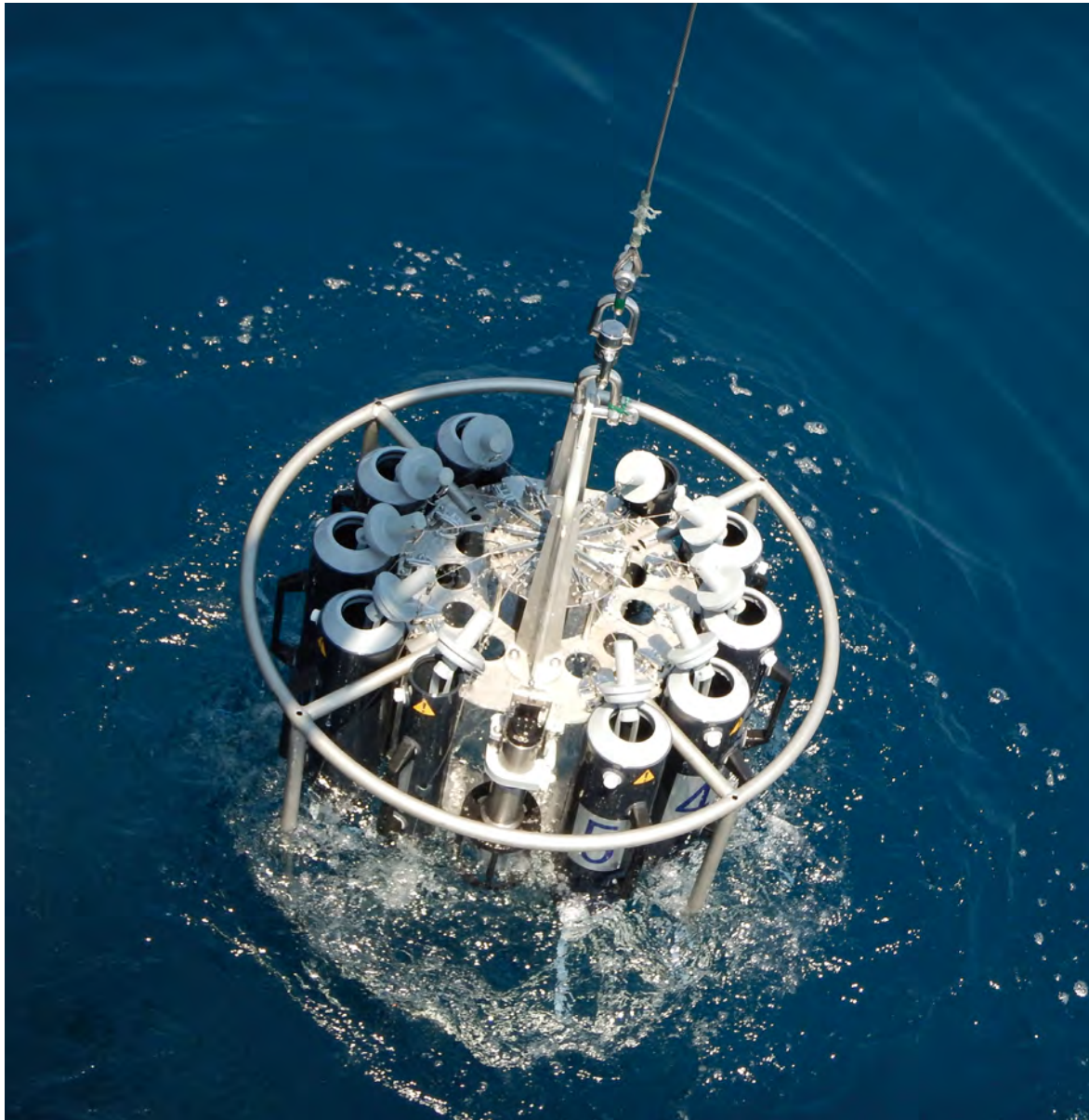
Pre-programmed autonomous water sampler

Water Sampler

AWS1000-2L
AWS1000-5L



An incredibly affordable water sampler



- 10 water sampling bottles (2 L and/or 5 L)
- Lightweight and compact frame
- Suitable for small vessels
- Easily detachable bottles and CTD

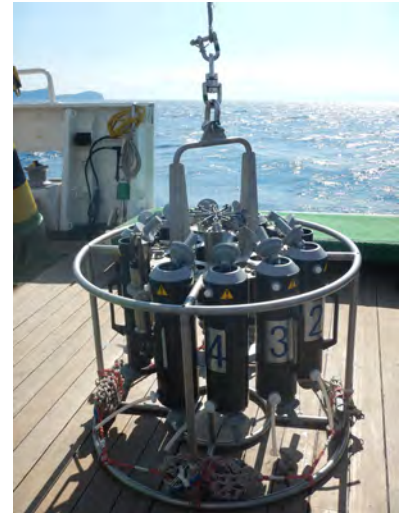


JFE Advantech Co., Ltd.

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Description

A compact and affordable water sampler system carrying up to 10 water sampling bottles of 2 L and/or 5 L was designed to be used in many different conditions, including in small vessels equipped with a crane (we recommend a crane that is able to lift at least 300 kg). The system has a built-in pressure sensor, but it was also designed to be equipped with our CTD instrument from ASTD series that allows for more options of sensors to be used and simplifies upgrades when necessary. The CTD and the water sampling bottles can be easily attached and/or detached from the frame which allows for different configurations and also an expedite maintenance.



Water sampling specifications

Sampling mode	Depth trigger	Time trigger
Water sampling	1 or 2 bottles simultaneously	
Minimum interval	0.5 m	1 s for 1 bottle 2 s for 2 bottles simultaneously
Minimum depth	1 m	—

Control unit specifications

Pressure sensor accuracy	±0.3% of full scale
Depth rating	1,000 m depth equivalent
Clock accuracy	±60 s month ⁻¹
Operating temperature range	-3 to 45 °C

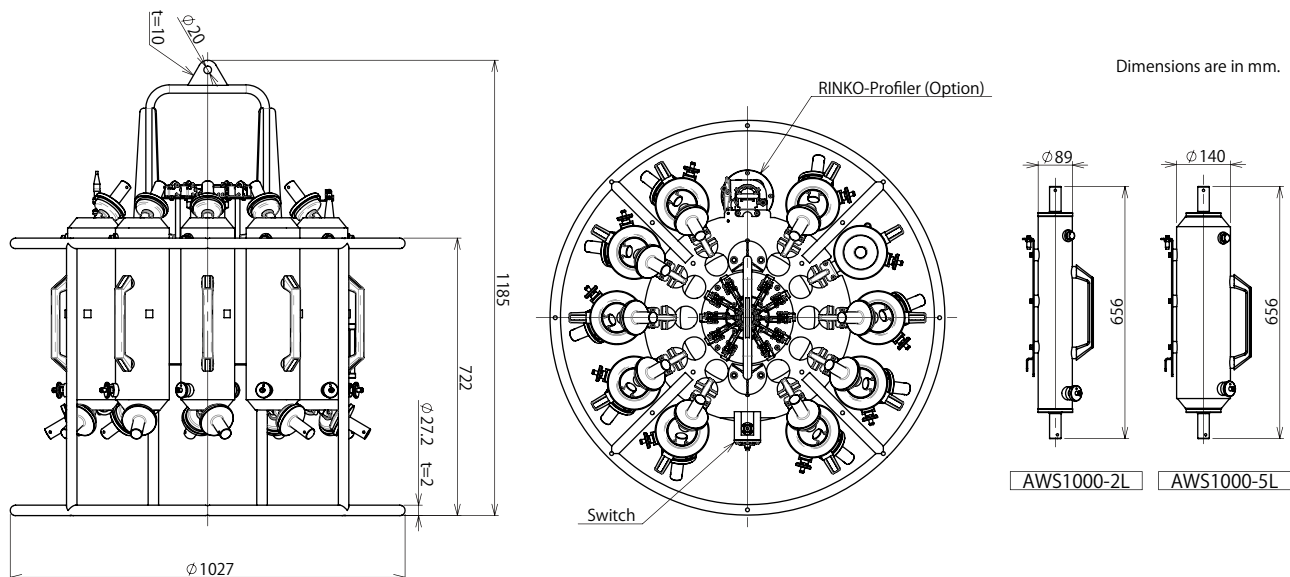
Interface unit specifications

Model name	ASTD-IF
Power	100 to 240 V AC
Dimensions	170 mm × 169 mm × 66 mm
Weight	Approx. 1 kg

Frame and bottle specifications

Model name	AWS1000-2L	AWS1000-5L
Bottle volume	2 L	5 L
Weight (empty)	Approx. 65 kg in air	Approx. 75 kg in air
Frame material	SUS304	
Bottle material	PVC (Internal portion with fluorine coating)	
Number of bottles	10	
Dimensions	See below	

Drawing



※ All specifications on this leaflet are subject to change without notice.

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