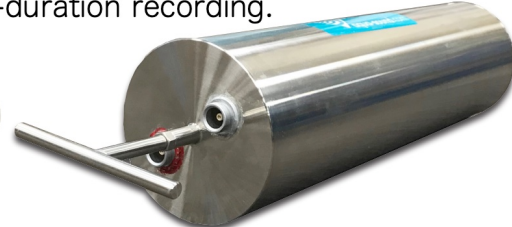


Recording Device, Power Supply and Hydrophones^{(*)1}, ALL in One Waterproof Case^{(*)2} & Stand-Alone Recording

This series is developed to meet the need for an All-in-One automatic underwater sound recording system that enables researcher to determine the positions of marine animals which can hardly be identified via observation.

AUSOMS is available in various sizes, all capable of stand-alone and long-duration recording.

Specifications



Product Name		AUSOMS-micro	AUSOMS-mini	AUSOMS-mini-LN	AUSOMS-mini-Plus		
Model No.		AQM-005	AQM-102	AQM-302	AQM-007		
Feature		Ultra-compact	Compact	Self-noise reduction Hydrophone calibration	Simultaneous recording of 2 frequencies Long-duration recording		
Frequency Range	Middle	————	25Hz - 45kHz		1kHz - 60kHz		
	Low	20Hz - 20kHz	25Hz - 20kHz		10Hz - 20kHz		
ADC (Sampling Rate / Resolution)		44.1 kHz	12bit	96kHz 88.2kHz	24bit	192kHz 176.4kHz	24bit
				48kHz 44.1 kHz	24bit 16bit	96kHz 88.2kHz	24bit 16bit
				44.1 kHz Mono	16bit	48kHz 44.1 kHz	16bit
Recording Format		Linear PCM(WAV)	Linear PCM(WAV) · MP3 · FLAC			Linear PCM(WAV) · MP3	
Intermittent Recording		○	✕			✕	
Max. Depth		300m	100m			500m	
Size (*3)		φ22.5×100mm	φ56×216mm			φ102×375mm	
Weight (in Air/in Water) (*4)		Approx.44g / Approx. 14g	Approx.505g / Approx.30g			Approx.5.5kg / Approx.3kg	
Continuous Recording Time (*5)		24hours or more	4 days			Approx. 2 weeks	
Power Supply		1 CR-2 lithium battery	4 AA alkaline batteries	2 AA alkaline batteries 1 CR2450 lithium battery		12 rechargeable lithium batteries	

(*1) underwater microphone (*2) AUSOMS-mini-Plus use external hydrophones. (*3) excluding projection (*4) including battery weight (*5) <In case of the following recording settings> SD card: 32GB, Recording format: Linea PCM, Sampling frequency: 44.1kHz, Monaural

AUSOMS-V SERIES

Available in various sizes and performances for different applications

AUSOMS-V6.0 [AQS-060]



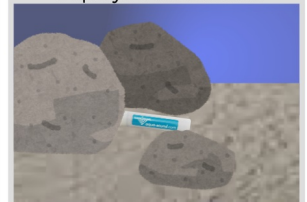
Simultaneous recording of 2 frequencies
Rich in reproducibility and workability

AUSOMS-V5.0 [AQS-051]

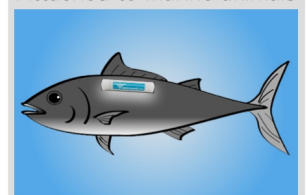


Capable of long-term stereo recording
Rich in reproducibility and workability

Deployed at habitats



Attached to marine animals



Meeting the needs of marine research by using Underwater Acoustic Technology



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Contact

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Specifications are subject to change without notice.

Apr. 14, 2022