星天海洋
STARTEST MARINE

beacons

Auto-launch. Acoustic positioning.

Product Overview

The beacon is an autonomous launcher of acoustic pulses, capable of cyclically launching the specified pulse signal. Signal form and cycle parameters are adjustable and can be activated by acoustic devices (e.g. ranging sound, directional) or USBL systems

Now and then.



Self-launched.
Periodical acoustics can be reconciled.

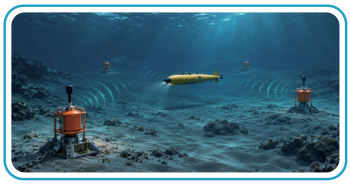
Waveform
CW, LFM and amplifier

Configure Optional
HF / Medium/ Low frequency

[Technical Specifications]

Configure	HF	Medium frequency	Low frequency
Waveform	CW / LFM / amplification	CW / LFM / amplification	CW / LFM / amplification
Pulse properties	Periodic parameters adjustable	Periodic parameters adjustable	Periodic parameters adjustable
Timing	Sync / Unsync	Sync / Unsync	Sync / Unsync
Working bands	20–38 kHz	10–20 kHz	6–10 kHz
Working Depth	100 m	500 m	3000 m
Sound Source Level	180 dB	190 dB	192 dB
Standby time	3 months	3 months	3 months
Continuous working hours	168 h	168 h	168 h
Outer size (diameter x length)	Φ6×31 cm	Φ10×40 cm	Φ13×40 cm
Weight	3 kg	6 kg	12 kg
Operating Temperature	-5 to 40°C.	-5 to 40°C.	-5 to 40°C.
Storage Temperature	-20 to 55°C.	-20 to 55°C.	-20 to 55°C.

[Applications]


Long baseline positioning


Super-short baseline positioning


Positioning system


Marine engineering

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