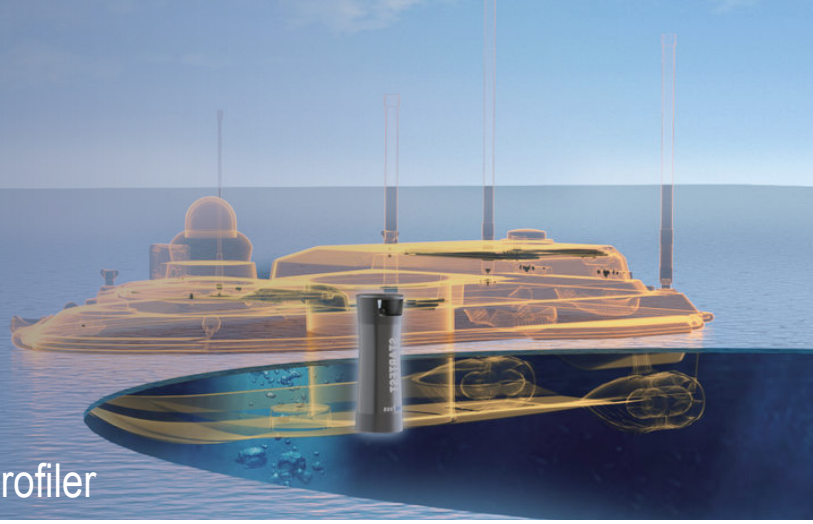
星天海洋
STARTEST MARINE



GeoPass300

Parametric Sub-Bottom Profiler

Product Overview

GeoPass300 shallow surface profiler, using a reference array technique, has an original frequency frequency of 300 KHz, with a differential frequency of 10-40 KHz, which is used mainly in the field of shallow water landfills and sediment detection.



[Technical Specifications]

Frequency	270~330kHz
Different frequency	10~40kHz
Pulse length	0.05~1ms
Output Power	>3kW
Original frequency horns	~3.6deg
Zoom in.	3~4deg
Original audio source level (300kHz)	>238dB/uPa@1m
Discrepancies source level (30kHz)	>194dB/uPa@1m
Dynamic Scope	>110dB
Distance Resolution	<0.04m
Permeability	≥20m
Effect distance	≥400m

[Physical Specifications]

Communication of power supply	We'll provide the adapter 220 V to 24 V for equipment work.
Communications interface	485 to USB.
Materials	titanium alloy/stainless steel
Wet weight	8kg (air), 4kg (water)
Operating Temperature	0℃ ~ 40℃
Frame Rate	Max 10 times/s

[System Features]

Portable profiler, light equipment

Five, no visible edges.

2. Recommended shipboard installation of this portable equipment at a depth range of 0.5 ~ 400 m

6 - Excellent performance against the background of the mix

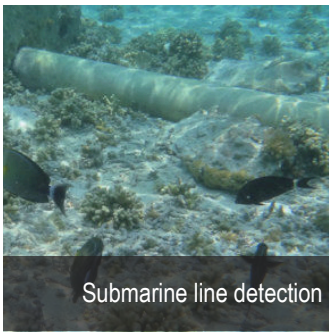
Three, launch narrow beams, small footprints.

7. Simple installation and operation

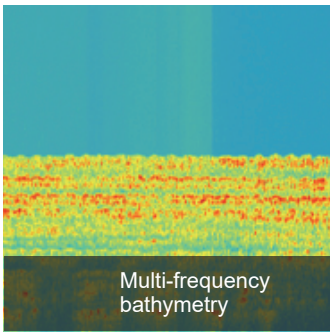
4. Broadband systems with high resolution

[Applications]

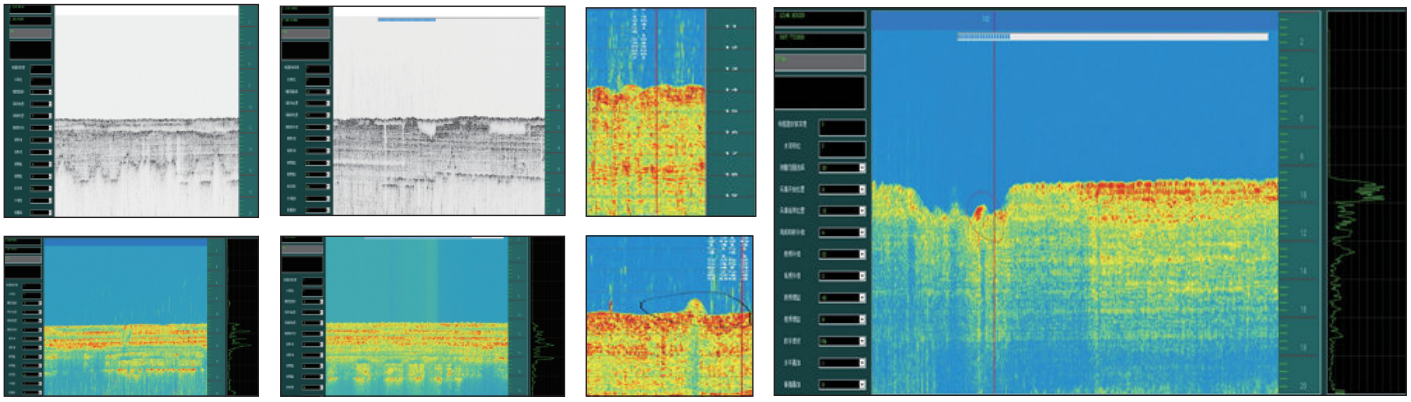








[Survey Results]



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