SOUTH

Sound Velocity Profiler

SVP60

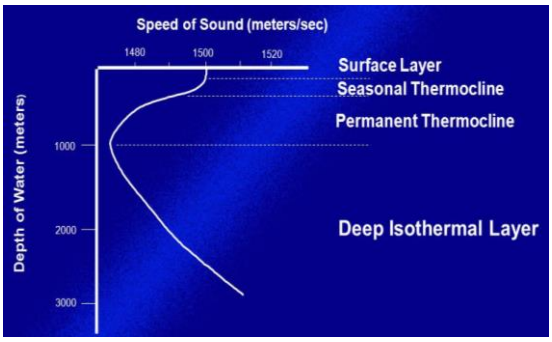


- *Time of Flight Tech*
- *Multi-constellation*
- *Record while Trigger*
- *Magnetic Switch*
- *Direct Calibration*
- *Bluetooth Transfer*
- *Graphic Display*



Introduction

As a typical self-contained sound velocimeter, SVP60 features its time-of-flight measurement of acoustic ping. It may rapidly accomplish the underwater missions of sound velocity profiling within its measuring range.



The onboard GNSS positioning module helps with each sounding measurement and the specific non-physical-structural magnetic switch is more durable and trustworthy. This instrument provides realtime sounding profile data for error corrections to all types of sounding equipment like echo sounder, sonar, underwater sonic, etc. which makes it a necessary tool for hydro and watercourse survey, ocean research and reconnaissance, and national defense applications.

Plenty of job practices made it a field-proven product in terms of accuracy and reliability.

Specification



TECHNICAL	
Velocity Range	1375-1900 m/s
Velocity Resolution	0.001 m/s
Velocity Accuracy	±0.02 m/s
Depth Measuring Range	0-200 m
Depth Measuring Resolution	0.01 m
Depth Measuring Accuracy	±0.05 m
ENVIRONMENTAL	
Working Temperature	-5℃ ~ 40 ℃
Temperature Sensing Resolution	0.001 ℃
Temperature Sensing Accuracy	0.01 ℃
PHYSICAL	
Housing Material	aluminum hard anodized
ELECTRICAL	
Communicating Interface	Bluetooth transfer
OTHERS	
GNSS Positioning	GPS + Glonass + Beidou
Switch Mode	magnetic

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