SV30

Sound Velocity Sensor



Accurate

Reliable

Corrosion preventive

Anti-interference

SOUTH

Target your success

SV30 is the light, portable, high performance and simple operated sound velocity sensor. SV30 direct measurement of sound velocity using direct-reading ultrasonic echo-detection techniques for 2Mhz sensing components. With the advanced digital signal processing technology, the accuracy of sound velocity measurement is improved to 0.03 m/s.



Features

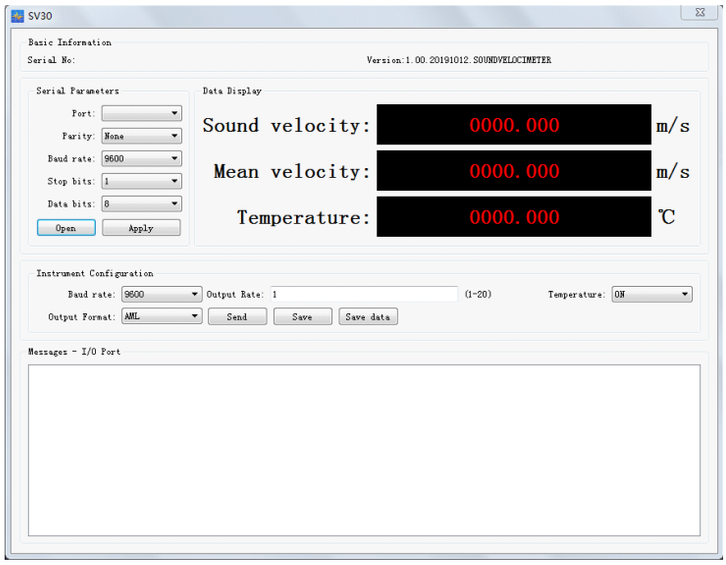
- Advanced digital signal processing technology
- High accurate measurement for sound velocity and temperature
- Corrosion and pressure resistant 316l stainless steel hull
- Simple operation and friendly software
- Support multiple data format export

Specification

Survey	
Sound velocity range	1400m/s ~ 1900m/s
Sound velocity resolution	0.001m/s
Measurement accuracy	0.03m/s
Acoustic Frequency	2MHz
Temperature sensor	RT1000
Temperature range	0 ~ 50℃
Temperature resolution	0.001℃
Temperature accuracy	0.05℃
Electricity	
Power voltage	9V ~ 36VDC
Communication	RS232
Communicated rate	9600 ~ 115200bps
Physical	
Working depth	50m
Weight	1.5kg
Size	266mm(L) × 40mm(Dia)

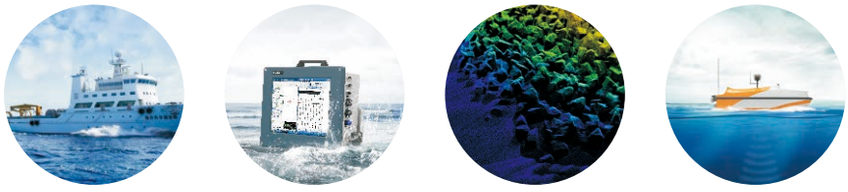
Professional Software

Simple operation, support multiple format data export



Application

Apply in the sea investigation, hydrographic survey, under water navigation and so on.



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SOUTH SURVEYING & MAPPING TECHNOLOGY CO., LTD.

Add: South Geo-information Industrial Park, No. 39 Si Cheng Road, Tian He IBD, Guangzhou 510663, China
Tel: +86-20-23380888 Fax: +86-20-23380800
E-mail: mail@southsurvey.com export@southsurvey.com impexp@southsurvey.com gnss@southsurvey.com
http://www.southinstrument.com http://www.southsurvey.com