

# 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°C
Temperature resolution	0.001°C
Temperature accuracy	0.05°C

### Electricity

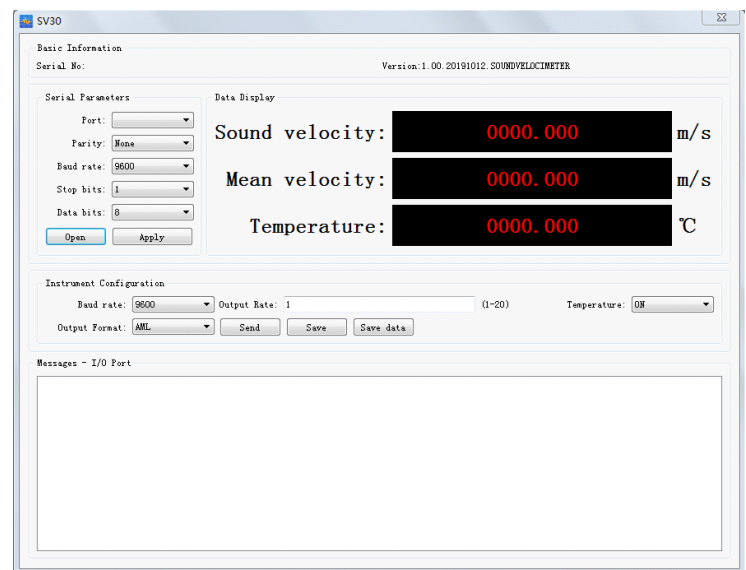
Power voltage	9V ~ 36VDC
Communication	RS232
Communicated rate	9600 ~ 115200bps

### 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.

