

## AML Micro X Sound Velocity Sensor

### Deskripsi

AML Micro X Sound Velocity Sensor (SVS) dapat digunakan untuk pengukuran kecepatan suara dengan permukaan air laut. Biasanya SVS dipasang bersebelahan dengan transducer multibeam echosounder. MiniSVP dilengkapi dengan titanium body sehingga sangat cocok untuk operasi survei maupun penelitian dari pesisir hingga perairan dalam.

### Merek Alat

AML Micro SVS

### Kelengkapan

- AML Micro SVS titanium
- Test Cable (probe to PC and power supply), RS232
- Tool kit
- Operating manual
- Transit case.

### Fungsi

- Mengukur kecepatan suara secara in situ (single point)

### Spesifikasi

#### Sound Velocity

- Range 1375 – 1625 m/s
- Precision 0.006 m/s
- Accuracy 0.025 m/s
- Resolution 0.001 m/s
- Response 47 microseconds

#### Data & Sampling

- User configurable by time
- Scan up to 25 Hz
- Communications: Factory Set RS232 or RS485
- Voltage: Externally Powered 8-25 VDC

#### Mechanical

- Housing: Acetal (Secondary only) to 500m,
- Titanium to 6,000 m
- Size: 33 mm (1.3") diameter x 240 mm (9.45")\* OAL
- Weight: in air(Titanium): 0.39 kg (0.86 lb), in water: 0.25 kg (0.55 lb)
- Connectors: Subconn MCBH-6FS
- Storage Temperature: -40°C to 60°C
- Operating Temperature: -20°C to 45°C

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