SV40

Tide gauge

SOUTH

型号：SV40 序列号：000001
广州南方海洋科技有限公司
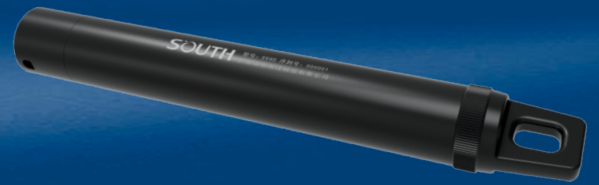
high accuracy　　high strength　　anti-corrosion　　Anti-interference

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The SV40 is a very compact self-contained tide gauge that can accurately measure changes in temperature and pressure. The product has high precision, small size and buit-in battery power supply. It can be easily installed on various objects such as seabed, trestle bridge, dock, and anchorage. It is widely used in marine research, harbor, dam monitoring and other long-term underwater survey. The tide gauge does not need an external cable when measuring, and can be suspended by a safety cable. When the recorded data needs to be downloaded, it can be easily removed from the measuring point and download the data.

Features

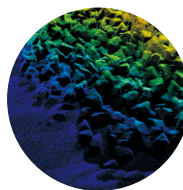|	
High precision, High resolution, Durability Complete self-contained data collection	10-year battery life Engineering plastic body with double sealing ring
High data security Time control recording and interval recording	Simultaneous recording of pressure and temperature data Software-based atmospheric pressure compensation

Specification

Depth range	10m standard(customizable)
Pressure accuracy	±0.2%FS
Resolution	0.001m
Temperature range	-40°C~+120°C
Temperature accuracy	±0.05°C
Temperature resolution	0.001°C
Internal clock error	24h±1s
stability	±0.1%FS/year
Weight (including battery)	365g
Frequency	1-5Hz
Sampling interval	1-180min
communication	RS-232
Capacity	8M Flash
Withstand pressure depth	2 multiply depth range
Dimensions	width:4cm; length:31cm
Power supply	3.6V Li-ion
IP	Ip68
Battery life	10 years

Application

Applied in military and civil fields such as marine survey, underwater engineering, underwater surveying and hydrographic surveying, etc.

·Tide level measurement in water
·Tide level correction for single beam echo sounder
·Tide level correction for multi-beam echo sounder

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