

**SOSI**

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# POTOK-3

## » Current Meter



This current meter is intended for the recording of average parameters of sea water as a part of hydro-physical station. The system includes measuring channels for latitude and meridian components for current and for temperature.

SOSI would welcome an opportunity to become an equipment supplier for your company. SOSI resells the full EDBOE equipment line. Systems are available in a variety of configurations and are custom ordered to meet your requirements. For additional information on EDBOE, you may visit their website at [www.edboe.ru](http://www.edboe.ru). 

### Specifications

Operational depth up to .....	6000 meters
Current measurement range .....	3-250 cm/s
Velocity measurement error .....	2% of v <sub>max</sub> ±2cm/s
Range of vector direction measurement of current velocity....	360 degrees
Mean-root-square error of vector direction not more than .....	5 degrees
Range of temperature measurement .....	-2 - +35 °C
Accuracy of temperature measurement .....	0.03 °C
Range of electric conductivity measurement .....	0 - 2.5 Sm/m
With switching over .....	2.5 - 6 Sm/m
Accuracy of electric conductivity measurement .....	0.005 Sm/m
Range of pressure measurement .....	up to 60 mpa
Accuracy of pressure measurement .....	0.5%
Averaging periods of measurement .....	2-60 minutes
Supply battery type .....	r20 (6 p.)
Operational impedance, up to .....	2 years
Storage capacity, up to .....	512 kb

\* The software package for reading and data processing is intended to use on ibm-compatible computers.

### Standard Features

- User-friendly Software
- Depth to 6000 m
- Precise Algorithm for Vector averaging
- Long Life Titanium Case
- Reliable Electronics
- Power Independent Memory
- Mounts for Additional Sensors (sound, velocity, density & conductivity)
- Absenting of "pumping" at coastal active zone

\*Specifications subject to change



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