



Surface Drifting Lagrangian Buoy (Drifter) SVP/30T

Functionality

Study of water circulation in ocean upper layer, the sea surface temperature measurements with data transfer through GSM and/or satellite. Drifter is equipped with small-sized underwater Tristar drogue and is designed to be used in the shelf areas of ocean.

Sensors

Position data (GPS/Glonass)

GNSS receiver GlobalTop Titan3

Temperature

Range -5 to +40°C

Accuracy +/- 0.1°C

Resolution 0.01°C

Measurement interval 1 min

Communication

GSM (GPRS)

Satellite system Argos or Iridium (option)

Operation

Environment temperature -20°C to 50°C

Lifetime 48 hours at least

Construction

Battery alkaline
Type replaceable
Activation switch removable magnet

Hull
Body fiberglass plastic
Colour white
Diameter 34 cm

Drogue
Material nylon
Type Tristar
Dimensions
Operational 100 x 100 x 100 cm
Packaged 25 x 25 x 70 cm
Drogue depth 1 m

DAR* 40 at least

Weight 12 kg

*DAR (Drag Area Ratio) - ratio of drogue drag area to the total drag area of non drogue elements of drifter

