



Satellite Tracker

oilST/30P

Functionality

Real-time control of the trajectories of surface pollutions (oil spills, fuel spills) and monitoring of hydrometeorological conditions with data transmission through satellite.

Sensors

Position data (GPS/Glonass)

GNSS receiver	GlobalTop Titan3 or Hemisphere GNSS Eclipse
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Water temperature

Range	-5 to +35°C
Accuracy	+/- 0.1°C
Resolution	0.01°C

Air temperature

Range	-30 to +50°C
Accuracy	+/- 1.0°C
Resolution	0.1°C

Air pressure

Range	850 to 1050 hPa
Accuracy	+/- 1 hPa
Resolution	0.1 hPa

Surface waves parameters

According to Hemisphere GNSS Eclipse

Measurement interval	15 min
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With parachute pack for aircraft or helicopter deployment

Communication

Satellite systems Argos or Iridium

Operation

Environment temperature	-30°C to +50°C
Lifetime	15 days at least

Construction

Battery	alkaline
Activation switch	removable magnet
Hull	
Body	fiberglass plastic
Colour	white
Diameter	34 cm
Height	75 cm
Weight	14 kg
Parachute pack	30 x 25 x 15 cm

