



Satellite Trackers

iceST/30, iceST-B/30, iceST/40, iceST-B/40

Functionality

Real-time monitoring of natural sea ice and surface water flow movement with temperature and air pressure measurements. Satellite telemetry system is used for tracking and data transfer.

Sensors

Position data (GPS/Glonass)

GNSS receiver GlobalTop Titan3

Temperature

Range -30°C to 10°C

Accuracy +/- 0.5°C

Resolution 0.08°C

Air pressure

(iceST-B/30, iceST-B/40)

Range 850 to 1050 hPa

Accuracy +/- 2 hPa

Resolution 0.1 hPa

Measurement interval

hourly

Sensors activation

at round hours

Communication

Satellite system Argos (Iridium available upon request)

Operation

Environment temperature -30°C to 50°C

Lifetime

iceST/30, iceST-B/30 18 months at least

iceST/40, iceST-B/40 24 months at least

Construction

Battery alkaline

Activation switch removable magnet

Hull

Body fiberglass plastic

Colour white

Diameter

iceST/30, iceST-B/30 34 cm

iceST/40, iceST-B/40 41 cm

Weight

iceST/30, iceST-B/30 9 kg

iceST/40, iceST-B/40 16 kg

iceST/30, iceST/40



iceST-B/30, iceST-B/40



With air pressure sensor

