

SETTOP

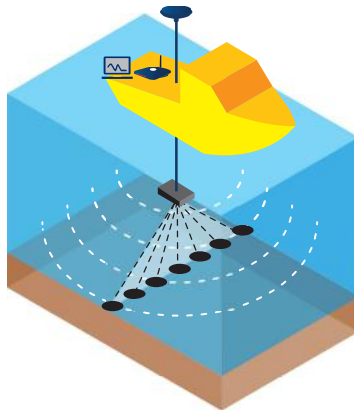
Bathymetry

Bathymetric control system

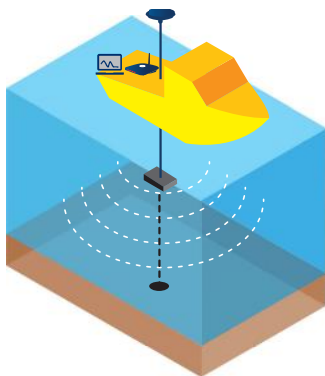
We understand bathymetry as the surveying of the relief of underwater surfaces; what we are speaking of here is the bottom of the sea, water courses, lakes, and reservoirs. It is the mapping and surveying of the bottom of underwater surfaces just as if we were on dry land. As in conventional surveys, we find the co-ordinates X, Y, and Z so that we can accurately describe the underwater depths and all the anomalies and exceptions that they can present for the topographer. We offers you various products designed to fit all of your needs:

- A GPS receiver* with PPS output for the synchronization of data with a single beam or multibeam echo sounder to guarantee centimetric precision
- EU400 echo sounder, an ultra-compact single beam echo sounder which will allow you to carry out maritime works and work in rivers and reservoirs without high investment costs and you will be able to connect directly to your GNSS receiver through a USB connector.

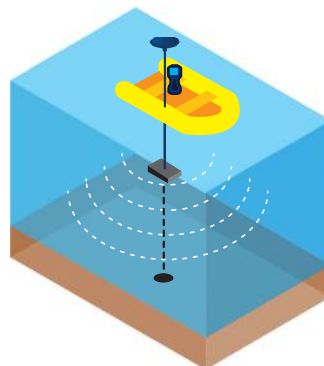
- 1** System with a multibeam echo sounder and GNSS receiver



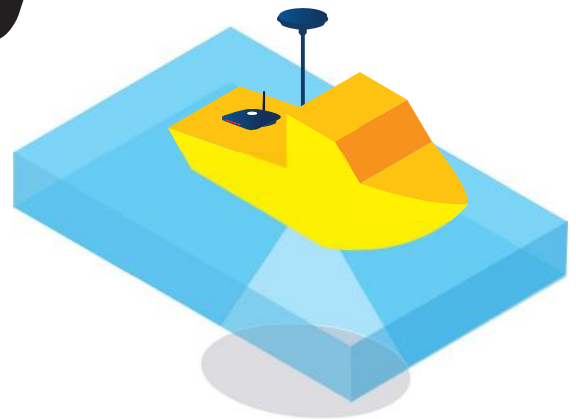
- 2** System with a single beam echo sounder and GNSS receiver



- 3** System with an ultra-compact single beam echo sounder and Settop EU400



* Check the compatibility with other GNSS receivers.



Main Advantages

GNSS Receivers

- ✓ Compact system
- ✓ External GNSS antenna
- ✓ RTK solution (centimetric precision)
- ✓ PPS output
- ✓ Compatible with all echo sounders

Single beam echo sounder

- ✓ Ultra-compact system (less than 1kg)
- ✓ Compatible with most GNSS receivers on the market
- ✓ Use of its own GNSS team software
- ✓ Minimum installation
- ✓ Measuring range of up to 75m
- ✓ Perfect for small areas or reservoirs

Componentes

Bathymetric System with Compatible GNSS receiver*

- ✓ Compatible GNSS receiver*
- ✓ EU400 single beam echo sounder with transducer
- ✓ EU400 communication box
- ✓ 1 GNSS antenna
- ✓ Communication cables
- ✓ Control software

Bathymetric system with Settop EU400

- ✓ **Basic components for single beam echo sounder:** EU400 single beam echo sounder with transducer included. EU400 communication box
- ✓ **Compatible components for single beam echo sounder:** Trimble GNSS receiver. Trimble tablet or Trimble TSC3 with software