



YUCO micro-AUVs used with confidence

- ▶ Reliable and efficient
- ▶ Unique navigation technology INX
- ▶ Operable in any offshore conditions
- ▶ Multiple payloads
- ▶ Easy to use

YUCO Key Features

Length : 98 cm to 123 cm
 Weight : 9.5 kg to 10.5 kg
 Diameter : 12 cm
 Depth rating : 300 meters
 Autonomy : 8 hours to 10 hours
 Navigation Accuracy : +/- 2%



YUCO-PAM



YUCO-SCAN



YUCO-CTD



YUCO-PHYSICO



"YUCO is the world's only off-the-shelf micro-AUV operable in all types of coastal waters. It combines exceptional performances and low maintainability."



Highly precise marine navigation embedded navigation INX

The **INX**®, for Intuitive Navigation eXperience, is a unique in-house software suite that provides **YUCO** with great navigation accuracy without requiring any external elements like acoustics positioning systems. Associated with a DVL, the **INX**® provides even more accurate positioning to precisely locate the data gathered by **YUCO**. Through the **SEAPLAN** user interface, **INX**® also makes the calibration process as simple as pressing a button.

Surface communication and recovery using SEACOMM

SEACOMM is a rugged remote controller dedicated to **YUCO** recovery. Through UHF communication, it can locate the AUV up to 5 km. **YUCO** is equipped with a complete antenna system for GPS and UHF surface communication. An optional underwater pinger, a powerful embedded flashlight and the signature pink coating makes the **YUCO** recovery a safe and sound process.



Mission planning

Using the **SEAPLAN** user interface, you can program a mission in less than 5 min, using the predefined patterns like transects, lawnmower or screws. If needed, any mission feature can be set, like special navigation modes associated to specific payloads such as « shutdown surfacing », ideal for CTD and PAM. The **SEAPLAN** interface is accessible via Wifi through different platforms. **YUCO** can also be recharged while being programmed for a new mission.

Every **YUCO** comes with a set of accessories, including spare fins and a rugged transportation case especially designed to easily and safely move the **YUCO** anywhere.



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With YUCO, take your measurement further

