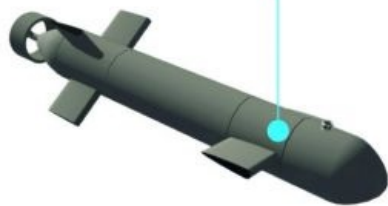


Range of INSs for All AUV Types

Phins C3, C5, C7



With Phins C3, C5 & C7 range, iXblue is providing fully scalable systems that cover all inertial navigation needs for any size of AUV. Based on iXblue's silent true solid state fibre-optic gyroscope technology, the Phins Compact Family guarantees high accuracy, unrivalled reliability and proved robustness.

The iXblue's Phins Compact Family has been designed to offer the AUV industry players the ability to choose an inertial navigation system adapted to their vehicle, whatever their size and mission, from accurate navigation to survey grade. Based on iXblue's unique Fibre-Optic Gyroscope Technology, Phins C3, C5 & C7 are fully scalable systems with a similar architecture and interface. Available as an OEM version, the three products all include the same algorithm and software, which enables seamless re-use of the control

system on any vehicles' sizes or types, via modern interfaces such as Ethernet, helping to reduce integration and non-recurring costs.

Based on iXblue's IMU 50, Phins C3 is a brand-new inertial system designed for man portable AUVs, with a small and light structure, mostly for shallow water applications. Currently being assessed by the world's leading AUV manufacturers, the system has proven efficient, reliable and secure. On the basis of the Phins Surface INS, Phins C7 (IMU 120) has been optimised for a better AUV integration: smaller and more practical, the system also includes the best suitable connector solution.

Stealth Autonomous Navigation

The Phins Compact Family benefits from the performance of the Fibre-Optic Gyroscope Technology: the silent-true, low consumption, solid-state and strap-down inertial systems enable stealth autonomous navigation, providing very accurate heading, roll, pitch, speed and position. With a MTBF up to 100,000 hours and with no need for preventive maintenance, the systems guarantee high levels of reliability and robustness. Phins C3, C5 & C7 are ITAR-free, dual-use systems and are all compatible with DELPH INS post-processing software to achieve ultimate survey accuracy.