



TÜBİTAK
BİLGEM



PISI-300

PLATFORM FOR INTELLIGENT SUBSURFACE INSPECTION



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PISI-300 is a advanced, cost-effective autonomous underwater platform optimized for long mission durations; its portability and modular architecture allow it to be easily configured to meet various mission requirements.

PISI-300 offers precise positioning and superior maneuverability in confined spaces thanks to its variable center of gravity maneuvering system. With its various sensor integrations, it enables versatile and effective use across a wide range of missions, from bathymetric mapping and port surveillance to underwater inspections and environmental monitoring.

SYSTEM FEATURES

- GPS-independent navigation
- Underwater acoustic communication and data transmission
- High durability for demanding conditions
- Customizable modular architecture
- Low production and maintenance cost

SYSTEM SPECIFICATIONS

Length	1.8 m
Width	20 cm
Weight	35 kg (max)
Operating Depth	300 m
Battery Endurance	8 hours (with 2 knot speed)
Payload Capacity	8 kg (max)

OPERATOR INTERFACE SCREENS

