Our New Generation Man-Portable AUV

REMUS 100
AUTONOMOUS UNDERWATER VEHICLE

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APPLICATIONS
- Hydrographic Surveys
- Mine Countermeasure Operations
- Harbor Security Operations
- Environmental Monitoring
- Debris Field Mapping
- Search and Salvage Operations
- Fisheries Operations
- Scientific Sampling and Mapping

The Perfect Balance of Design & Technology

REMUS 100 is designed and built with the latest technology while maintaining the performance and engineering quality our customers have come to expect from our AUVs.

Key Features
- Hydrodynamic, Multi-Functional Design
- Data You Can Trust
- Performance You Can Count On
- Flexible, Modular System
- Open Architecture Platform
**Powerful & Versatile**

**New Generation REMUS 100 System**

**Standard System Configuration**
- Dual sensor: Transponder and ADCP
- 100 kV peak power (100 W RMS)
- 110 V/24 V power supply
- Sonar and ADCP communication
- Interoperable with REMUS 9000
- High redundancy and safety
- Heavy-duty rack
- Comprehensive reporting
- 360° view

**Mission Specific System Configurations**
- Micro Coaxial Inverse (MCI)
- Internal Navigation System
- Hydrographic Survey
- Fast-Repeatability Capabilities
- Global Positioning System (GPS)
- Long Baseline (LBL)
- Doppler Assisted Dead Reckoning
- Inertial Navigation System
- Radiolocation System
- Polar Projection

**Data Exporting Software**
- Tracking Software
- Transponders
- External Connections
- DVL Acoustic Range
- Velocity Range
- Propulsion
- Replenishment Time
- Energy Storage
- Maximum
- Dry Weight
- Length

**Specifications**

- **Maximum Operating Depth**
  - 100 kV peak power (100 W RMS)
  - 110 V/24 V power supply
  - Sonar and ADCP communication
  - Interoperable with REMUS 9000
  - High redundancy and safety
  - Heavy-duty rack
  - Comprehensive reporting
  - 360° view

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