

REAL TIME WATER QUALITY SENSOR

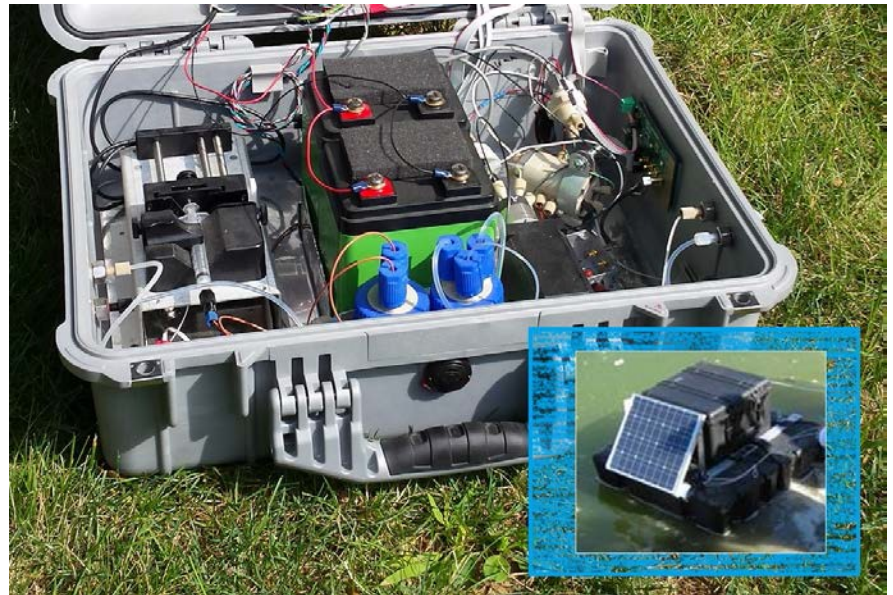


INNOVATION FOR A SUSTAINABLE FUTURE

USDA's fully automated, field portable instrument for monitoring nutrients and inorganic contaminants in fresh water

Technology Overview

- Produces no waste
- Uses less than 50 mL water per month
- Solar power capable
- Adaptable to a range of contaminants
- Comparable sensitivity to bench-top instruments



USDA's field portable ion chromatograph (FPIC) water sensor can be used to measure contaminants and nutrients in any fresh water source

Instrumentation features

- Fully unattended operation with adaptive sampling rate
- Real-time data acquisition, processing and reporting
- Telemetry capabilities for data viewing, or error reporting
- High surface area filtering for extended sampling life between scheduled maintenance intervals

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