

# PFAS SENSING EC BOX DEVICE

## ZENTRIXLAB



Persistent Per- and Polyfluoroalkyl Substances (PFAS) are increasingly recognised as one of the most pressing environmental and public health challenges in Europe. Due to their persistence, bioaccumulation potential, and presence in drinking water and wastewater streams, regulatory pressure has intensified. Since January 2026, EU Member States are required to monitor and report PFAS levels under the recast Drinking Water Directive.

Zentrix Lab has developed a compact PFAS Monitoring EC Box designed to support continuous, on-site environmental screening. The system enables rapid quantitative indication of PFAS presence and supports remote data transmission, allowing operators to track trends and react early.

While accredited laboratory analysis remains the reference standard, the PFAS Monitoring EC Box serves as a complementary field-deployable monitoring tool. Its design allows distributed deployment across multiple sites, enabling long-term monitoring strategies at wastewater treatment

plants, industrial discharge points, and drinking water facilities.

The solution focuses on affordability, ease of use, and scalable deployment — making proactive PFAS monitoring accessible beyond central laboratory infrastructure.

Field validation has demonstrated reliable operational performance in real wastewater environments. The solution supports utilities, regulators, and industrial operators in strengthening compliance readiness and risk management.

Zentrix Lab is currently preparing for broader market introduction across the Balkan and Central European regions, with further application expansion into industrial effluent monitoring and environmental remediation projects.

Commercial partnerships, regulatory pilots, and strategic distribution agreements are underway to accelerate market adoption.

### Key Benefits



Low-cost distributed monitoring



Portable and rapid deployment



Remote data transmission capability



Supports regulatory compliance readiness

# ZENTRIX LAB

Research&Innovation

