



BioPhase Instrument API

Connect the BioPhase 8800 system into workflows that don't wait

As pipelines move faster, laboratories need workflows that can scale without losing consistency.

The BioPhase Instrument API helps enable connected laboratory workflows by integrating the BioPhase 8800 system into broader automation ecosystems. Through programmatic access to instrument control, sequence execution, and remote monitoring, laboratories can incorporate the BioPhase 8800 system into existing scheduling, automation, and robotic platforms.

Enable automation-ready workflows

Integrate the BioPhase 8800 system with laboratory scheduling, automation, and robotic platforms to support automated workflow execution, instrument control, and data acquisition.

Spend less time managing workflows

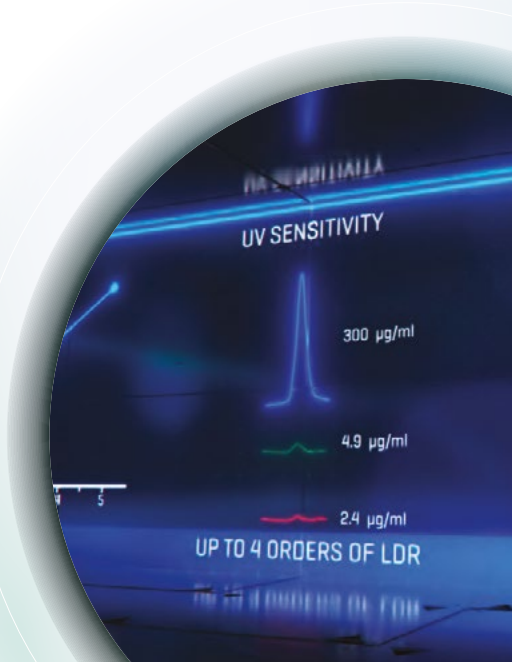
Enable external software platforms to remotely start, monitor, and stop BioPhase 8800 system sequence runs, helping to reduce manual intervention and improve workflow consistency.

Monitor and manage instrument operations

Support remote control of key instrument functions, including workflow execution, tray operations, and system status monitoring.

Expand instrument utilization

Support automated and unattended workflows that help laboratories maximize throughput and increase operational efficiency.



Scale without losing visibility.

The BioPhase Instrument API provides programmatic access to key instrument control and sequence execution functions, supporting integration with external software applications and connected laboratory environments.

BioPhase Instrument API capabilities

Programmatic instrument control

- Remote sequence execution and monitoring
- Instrument status monitoring
- Temperature control
- Integration with scheduling and automation platforms

Automated workflow execution

- Start and stop sequence runs
- Monitor analytical progress
- Access project and sequence information

System monitoring

- Instrument readiness monitoring
- Method and sequence progress tracking
- Real-time acquisition visibility
- Tray and temperature monitoring



Keep what works. Expand where it can go.

Discover how the BioPhase Instrument API helps laboratories connect CE workflows, improve efficiency, and scale development without compromising visibility or reproducibility.