

STRYDE™

Bioprocessing Without Babysitting.

Patent-Pending Bioprocess System for Monitoring, Visualization, and Traceable Process Control

Astraglass Innovations' **STRYDE™** is a patent-pending bioprocess system designed to simplify and modernize benchtop bioprocess workflows. Built to support glass bioreactor applications, **STRYDE™**

provides real-time process visibility, guided operation, alarm-based monitoring, and improved vessel traceability helping teams reduce manual oversight while maintaining control of critical upstream processes.

Designed for laboratories and process development teams seeking a more modern operating experience, **STRYDE™** helps bridge the gap between traditional glass reactor setups and the growing demand for better monitoring, documentation, and workflow consistency.

KEY FEATURES

- **Real-Time Process Visibility:** Supports live monitoring of critical process conditions through a modern operator interface.
- **Alarm-Based Monitoring:** Helps reduce operator burden with alerts and notifications during active runs.

- **Traceable Vessel Management:** Supports vessel identification, tracking, and segregation across bioprocess workflows.
- **Improved Workflow Consistency:** Helps standardize setup, monitoring, and operator interaction during process execution.
- **Designed for Glass Bioreactor Systems:** Extends the value of jacketed and non-jacketed reactor platforms with modern digital functionality.
- **Scalable Platform Approach:** Designed to support evolving process development and future expansion needs.



***Astraglass 5L Glass Bioreactor with
STRYDE™ bioprocess system***

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Common Applications

- Cell culture process development
- Fermentation workflows
- Upstream bioprocess monitoring
- Reactor-based process development
- Lab-scale and pilot-scale bioprocessing
- Traceable vessel-based workflows

WHY STRYDE™

Automation of Workflow

Traditional benchtop bioprocessing often depends heavily on constant operator attention, manual checks, and limited traceability across vessels and batches.

STRYDE™ is designed to reduce that burden by bringing together process visibility, alarms, guided workflow support, and vessel traceability in one integrated platform.

The result is a more streamlined, more traceable, and more operator-friendly bioprocess experience.

AVAILABLE CONFIGURATIONS

- Available with Astraglass reactor systems
- Suitable for Astraglass Bioprocess systems
- Application-specific configurations available
- Contact Astraglass for system options and customization

CUSTOM CONFIGURATIONS AVAILABLE

STRYDE™ is available with application-specific configurations to support customer workflow requirements, vessel setups, and process development needs.

SPEAK WITH OUR TEAM

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PROUDLY DEVELOPED BY ASTRAGLASS INNOVATIONS

Designed to support modern bioprocess workflows with improved monitoring, traceability, and operator efficiency.