

# ASTRAGLASS STRYDE™

## Bioprocess Control System

**Verify. Monitor. Document.**

PATENT PENDING

A modern, fully digital bioprocess platform that connects physical asset verification, live process monitoring, and audit-ready records in one workflow.

### Catch problems before start

Unverified assets, missed calibration, and incomplete setup surface later as deviations. STRYDE confirms readiness up front, before the run begins.

### One digital record, start to finish

STRYDE verifies the setup, monitors the run with automated control, and locks an e-signed batch record, before, during, and after every batch.

### Three phases. One unbroken record.

#### ✓ VERIFY

- Patent-pending QR identity gating binds physical assets to the run
- Probe calibration and pressure readiness confirmed before start
- Gated preflight checks stop incomplete setup from reaching Start Run

#### ● MONITOR

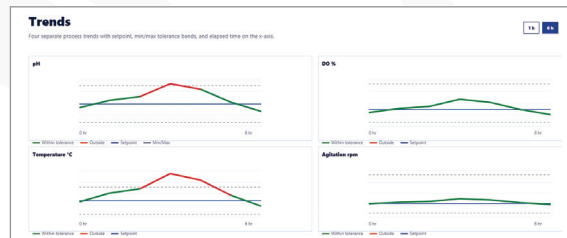
- Live trends for pH, DO, temperature, agitation, pressure, and batch status
- Automated gas control holds DO and pH without operator babysitting
- Live camera view and foam detection with automated response

#### ■ DOCUMENT

- Samples, operator actions, alarms, setpoint changes, and asset IDs linked to the batch
- Electronic batch record with e-signature, record lock, and PDF export
- 21 CFR Part 11-ready architecture with role-based access and audit trail



Operator-guided setup and run control at the benchtop.



Real-time process trends with setpoint and tolerance bands.



Live camera view with automated foam detection.

### What makes STRYDE different

- A modern, digital workflow that replaces paper and orphaned spreadsheets
- Automated gas control that holds DO and pH
- Glass and single-use vessels on one QR identity workflow
- Built by Astraglass, a vessel manufacturer with real benchtop experience

### Ready to see it live?

Schedule a 20-minute walkthrough, request a beta pilot, or discuss your use case.