

CelLogix Bioreactor Control System

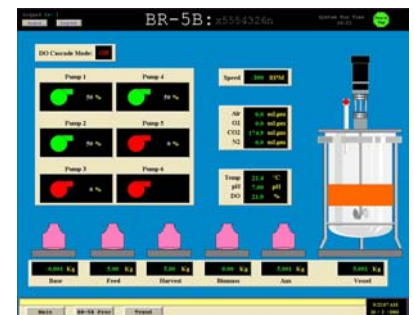
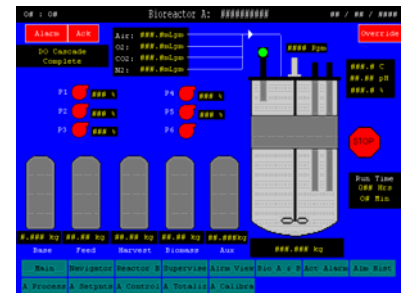


PLC Based Bioreactor Control System

- Control up to 24 Bioreactor Control Loops on a single or on multiple bioreactors including pH, DO, Temperature, Level, Weight, Agitation Speed, Redox and Flow.
- Allen Bradley PLC Based Controller provides open architecture for ease of validation and/or customization.
- Stand Alone moveable cabinet provides lab flexibility.
- System will operate with any manufacture's vessel.
- CellLogix will operate with autoclavable or steam in place vessel.
- pH & DO Probe calibration at operator interface. All other inputs calibratable from password protected operator interface screen.
- Easy front door access to individual din rail mount transmitters provide flexible architecture for calibration and maintenance.
- Password Protected user configurable outputs. Multiple outputs can be assigned to any independently tunable control loop.
- Optional Software with Ethernet interface to provide remote monitoring, data trending and storage capability. Stored data is easily converted to an Excel Spreadsheet.

Specifications

- Operator Interface: 10" Color AB Touch screen.
- PLC: Allen Bradley SLC-505
- Power: 115 V AC Power @ 20 Amp.
- Size: 62" High x 24" Deep x 24" Wide.
- Outputs: Up to (26) Control Outputs consisting of combinations of analog and digital.
- Pumps: Up to (10) Side Mounted Watson Marlow 103 Series Pumps
- Vessel Size Compatibility: 1L to 10,000L
- Optional Software: RS View w/RS Linx using TCP/IP protocol to communicate with multiple CelLogix's. Software configurable for 21CFR Part 11 compliance.



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