

ENGINEERING
PERFORMANCE



Pace of Delivery

Built to increase capacity and time to market along with efficient use of raw material

Quality & Validation

Designed to meet everchanging quality and validation standards across multiple platforms

Batch Analytics

Programmed to share predictive analytics and heighten business intelligence



CUSTOM PROGRAMMED SINGLE-USE BIOREACTOR

AGILITY | FLEXIBILITY | EFFICIENCY

Huffman Engineering, Inc.'s vast experience within life sciences and biotechnology and Single Use Bioreactors (SUBs) allows us to custom program a SUB for your specific needs. ISA-88 batch compliance enhances capabilities for SUBs from 50L to 2000L allowing universal, tailored, modular control, electronic work instruction, batch records and increased security.

- Deployable on many manufacturers single-use bioreactors and fermenters
- Integration into customer's existing plant systems
- Flexible deployment on pilot lab to production sized units
- System scalable from single unit (one single-use bioreactor/fermenter) to multiple unit system
- Portability including flexible power, communication and utility connections
- Life cycle documentation for commissioning and qualification