

Features

- **Powered by the DeltaV Control Platform from Emerson**
- **Scalable from R&D and PD into GMP manufacturing**
- **Hardware independent**
- **Highly configurable using pull-down menus**
- **Easy connectivity to third party devices**
- **Calibrate any analog input and create reports**

TruBio DV Bioprocess Control Software

TruBio® DV software is a hardware independent, highly configurable interface to the DeltaV control platform that has been developed with GAMP4 methods and validated for cGMP applications. TruBio DV software is pre-configured with algorithms for controlling bioprocess parameters such as pH, dissolved oxygen, temperature, agitation, pressure, foam, level, gas/liquid flow, and weight, as well as supporting redundant sensor loops such as pH, temperature, or dissolved oxygen. TruBio DV software can be used with glass vessels, wave bioreactors and most types of single-use bioreactors, to provide a seamless integrated solution from R&D through production.



Specifications

Minimum System Requirements for DeltaV ProPlus Computer

DeltaV	Version 9.3 or later installed on PC
Operating System	Windows XP with Service Pack 2
RAM	1 GB
Processor	Pentium III, 1 GHz
USB Ports	Two (minimum for hardware keys)
Network Interface Card	One

Minimum Licensing Requirements

DeltaV Pro Plus	25 DST
DeltaV AO	25 DST

Vessel Configurations

TruBioSoftware is currently available for the following types of bioprocess vessels:

- glass/autoclavable
- single-use rocker
- single-use bioreactor (SUB)

Versions

TruBio PLSS	Fully enabled cGMP version with maximum feature set for native DeltaV control
TruBio RDPD	R&D/process development version for native DeltaV control
TruBio SCADA	Supervisory control and data acquisition system migrations of third party hardware – controllers or peripherals

Plug-ins

DataConnector	Nova BioProfile 400 or FLEX automated data acquisition
DataGrabber	Export of historical data in Excel by parameter, time stamp or batch ID number

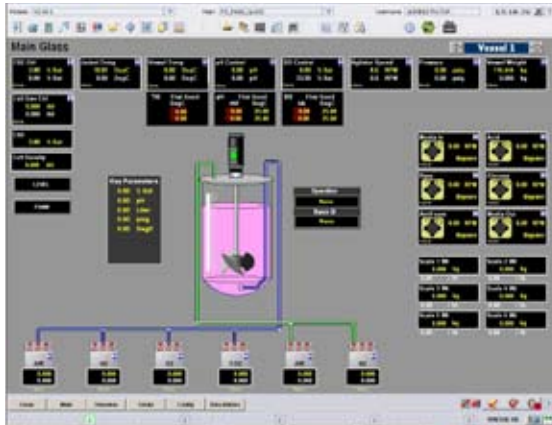
Finesse Solutions, LLC
3350 Scott Blvd, Bldg 1
Santa Clara, CA 95054

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CH-7402 Bonaduz
Switzerland

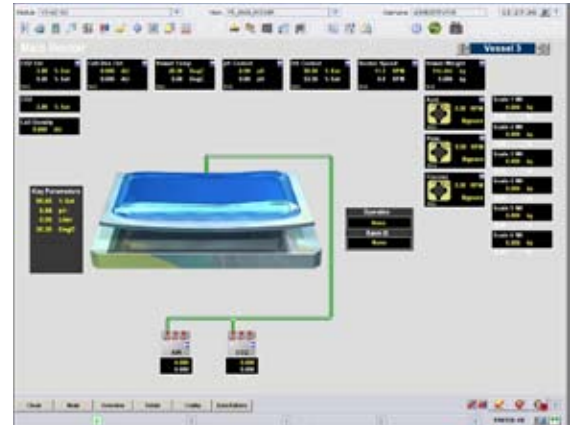
877-204-8644
www.finesse.com

TruBio DV Screenshots

TruBio DV



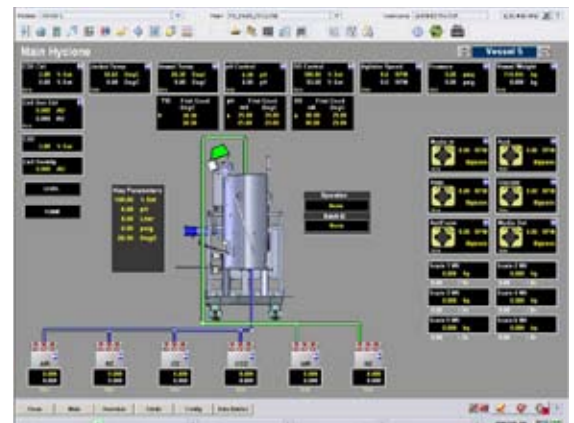
Glass



Rocker



SCADA



Single-use Bioreactor (SUB)

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