

## TruBio μC Process Control Software

TruBio® μC software is a platform product for Intel-based microcontrollers that has been developed on a C#.NET/ C++ foundation with state-of-the-art graphics, database management, and real-time control algorithms. TruBio μC software can be used with bench-scale vessels (glass or single-use) and small-scale rocker bioreactors

TruBio μC software is pre-configured for controlling bioprocess parameters such as pH, dissolved oxygen, temperature, agitation, foam/level, gas/liquid flow, and auxiliary analog inputs/loops. TruBio μC software has comprehensive functionality: easy process configuration and display, data historian, calibration, alarms, report generation, process notes, user/vessel management, graphing, save/load for process configuration files, and OPC-capability. The save/load files are fully compatible with TruBio DV software for scale-up and technology transfer.



# TruBio μC

### Features

- Powered by Intel microcontrollers
- Easy-to-use interface and data graphing
- Calibration, alarms, and reporting functions
- Embedded historian with full redundancy
- Easy connectivity to third party analog devices
- No licensing costs

### Versions

#### Minimum System Requirements

RDPD	R&D/process development version (SUB)
RDPDmini	R&D/process development version (small-scale and rockers)

### Vessel Configurations

**TruBio μC Software is fully compatible with the following types of bioprocess vessels:**

- single-use stirred tank (10 to 250L)
- < single-use rockers (up to 50L)

### Plug-ins (future)

Batch	Allows programming of phase logic and transitions for up to ten process steps
DataExporter	OPC connectivity for export of real-time process data into external databases (e.g., OSI Pi historian)

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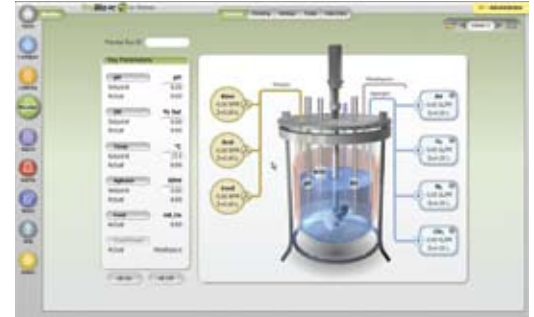
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**TruBio  $\mu$ C**



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