



# BIOne 250

## Intuitive Bioprocess Control for Microbial Applications

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## Simplified Microbial Processing within Reach: The **BIOne 250** Delivers on Affordability, Ease-of-Use, and Remote Capabilities

The BIOne 250 Bioprocess Controller combines advanced functionality with cost-effectiveness, making it an ideal choice for laboratories and research facilities focused on microbial bioprocessing. This BIOne 250 derived from the award winning BIOne 1250, offers an intuitive interface and remote control capabilities, enables seamless scalability, and is compatible with a range of bioprocessing equipment, all while ensuring precision, consistency, and reliability.

### BUDGET FRIENDLY

The BIOne 250 controller offers advanced bioprocess control for microbial applications at a budget friendly price. It enables high-level microbial research in any laboratory, balancing affordability with proficient bioprocessing capabilities.



### INTUITIVE INTERFACE

Engineered with the user in mind, the BIOne 250 boasts a feature-rich intuitive interface derived from the award winning BIOne 1250. This design simplifies operation, allowing you to focus on the science, not the setup.



### REMOTE OPERATION

With remote control via PC, laptop or external monitor, the BIOne 250 delivers precise control and comprehensive monitoring of multiple bioreactors from a single interface, whether inside or outside the lab.



Helping Science Improve Lives

## Targeting Scientific Precision with the BIONe 250

### ADAPTABLE TO A SPECTRUM OF RESEARCH DEMANDS

Scalability is a key feature of BIONe 250, enabling it to fit into various bioprocess applications, including detailed scale-down modeling to effective material generation. This adaptability is crucial for laboratories managing evolving project requirements.

### RELIABLE ACCURACY FOR MICROBIAL CULTIVATION

Precision and dependability are at the heart of BIONe 250's design, ensuring laboratories achieve consistent and accurate results. This reliability is particularly vital in environments where repeatability is key to the success of each experiment.



### EFFORTLESS INTEGRATION INTO ANY LAB ENVIRONMENT

Integrating BIONe 250 into a laboratory setup equipped with an array of bioprocess instruments, vessels, and process analytical technologies is smooth and straightforward. This compatibility streamlines workflows and maximizes the efficiency of your lab operations.

### DISCOVER THE BIONe 250 DIFFERENCE FIRSTHAND

For more information or to schedule an in-person or virtual demonstration, please contact our BIONe team at [bione@distekinc.com](mailto:bione@distekinc.com). We're dedicated to helping you explore the right solutions.

<b>BIOREACTOR INTERFACE</b>	External PC, laptop or monitor (touchscreen or wired with mouse)	
<b>REMOTE ACCESS</b>	Remote viewing and control via any web enabled device	
<b>DATA STORAGE</b>	Over 30 days of local data storage & trending	
<b>BIOREACTOR WORKING VOLUME RANGE</b>	Autoclavable glass Single-use	0.75L - 10L 0.9L - 10L
<b>AGITATION TYPE</b>	Magnetic drive	
<b>AGITATION RANGE</b>	15 - 1250 RPM up to 5L, 15 - 900 RPM in 10L	
<b>GAS CONTROL</b>	1 or 2 Configurable rotameters	
<b>TEMPERATURE CONTROL</b>	Autoclavable glass Single-use	4°C with chiller to 80°C 4°C with chiller to 60°C
<b>TEMPERATURE RESOLUTION</b>	0.1°C	
<b>DO MEASUREMENT</b>	Analog or optical	
<b>DO CONTROL RANGE</b>	0 - 200%	
<b>pH MEASUREMENT</b>	Analog or optical (Presens)	
<b>pH CONTROL RANGE</b>	pH 2 - 12	
<b>REDOX MEASUREMENT</b>	Analog	
<b>REDOX CONTROL RANGE</b>	(-) 2000mV - (+) 2000mV	
<b>PUMPS</b>	3 Fixed speed pumps. Tubing range 0.8mm ID to 6.4mm ID	