







BioMix™ Compressed Gas Mixing System

CONTROL SYSTEMS

The BioMix Compressed Gas Mixing System offers a variety of control system configurations to match each individual plant's application needs. To achieve peak mixing performance, **it is important to select a mixing technology that ensures energy efficiency, straightforward operation, process optimization, and unparalleled flexibility.** Every BioMix system allows for operating parameters to be adjusted to support the highest level of efficiency while maintaining guaranteed uniform mixing.

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		Operational Control Feature	Master Control Panel with Zombie™ Valve Module	Master Control Panel with Classic Valve Module	Standalone Zombie™ Valve Module
ENERGY EFFICIENCY 		Adjustable mixing intensity	✓	✓	✓
		Intuitive touch screen interface	✓	✓	✗
		Integration of multiple valve modules	✓	✓	✗
STRAIGHTFORWARD OPERATION 		Preventative maintenance cycle (PMC)	✓	✓	✗
		Centralized system-wide control	✓	✓	✗
		Local control capability	✓	✗	✓
PROCESS OPTIMIZATION 		High intensity mixing cycle (HIMC)	✓	✓	✗
		Automatic Syncro Mix (when integrated with aeration equipment)	✓	✓	✗
		Integration with plant SCADA	✓	✓	✓
UNPARALLELED FLEXIBILITY 		Instrumentation feedback mixing control	✓	✓	✗
		Backup controller	✓	✗	✗
		Indoor or outdoor installation	✓	✓	✓
		Individual valve control settings	✓	✓	✓

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TO DISCUSS THE CONTROL STRATEGY THAT BEST FITS YOUR MIXING NEEDS.