

Bioreactor Accessories

Gas Blending Stand



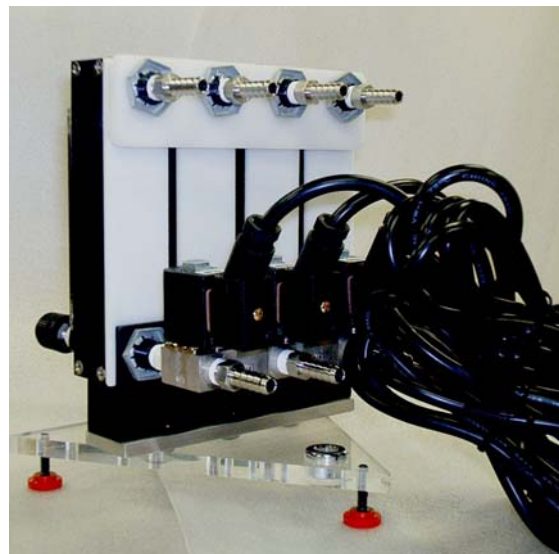
Gas Blending Stand

- An affordable gas mixing station for bioprocess control.
- Small footprint requires minimal bench top space.
- Provides gas mixing of up to 4 independent gases. Gas type and range can be selected from table below.
- Gas flow is easily adjusted by the knobs on the front of the unit.
- Gases can be plumbed to either headspace or sparge vessel inlets by operator.
- A maximum of 4 solenoid control valves can be supplied if feedback control capabilities are required.

Specifications

- Tripod stand with top and bottom support brackets. Stand contains a bubble level indicator to ensure level operation .
- Gas inlet and outlet connections are made via 1/4 inch hose barb fittings.
- Optional control solenoid valves are 115 VAC operation. Valves can be interfaced to 500 series modular systems, CellTrol II or any 115 VAC controlled source.
- Supplied gas must be dried, filtered and regulated to less than 20 PSI.
- Gases are supplied in low flow (blue shade), standard flow (white shade) and high flow (tan shade) ranges. Low flow gases are supplied with a precision valve for accurate adjustment.

Air	O2	N2	CO2
0.7 to 7mL/Min	5 to 50mL/Min	0.6 to 6mL/Min	2 to 20mL/Min
5 to 50mL/Min	30 to 300mL/Min	5 to 50mL/Min	5.5 to 55mL/Min
7.5 to 75mL/Min	50 to 500mL/Min	6 to 60mL/Min	22 to 220mL/Min
10 to 100mL/Min	0.1 to 1L/Min	12 to 120mL/Min	0.1 to 1L/Min
25 to 250mL/Min	0.4 to 4L/Min	20 to 200mL/Min	0.6 to 6L/Min
50 to 500mL/Min	0.8 to 8L/Min	50 to 500mL/Min	1 to 10L/Min
0.1 to 1L/Min	1.5 to 15L/Min	0.1 to 1L/Min	
0.1 to 1.15L/Min		0.2 to 2L/Min	
0.2 to 2L/Min		0.5 to 5L/Min	
0.4 to 4L/Min		1 to 10L/Min	
0.5 to 5L/Min		1.2 to 12L/Min	
1 to 10L/Min			
1.6 to 16L/Min			
4 to 40L/Min			



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