

5L Microbial Fermentation Bioreactor System, Unjacketed

Agitator Assembly for
Use with

CLS-1399-100
Overhead Stirrer.

Additional Adapters
are available for other
style motors.

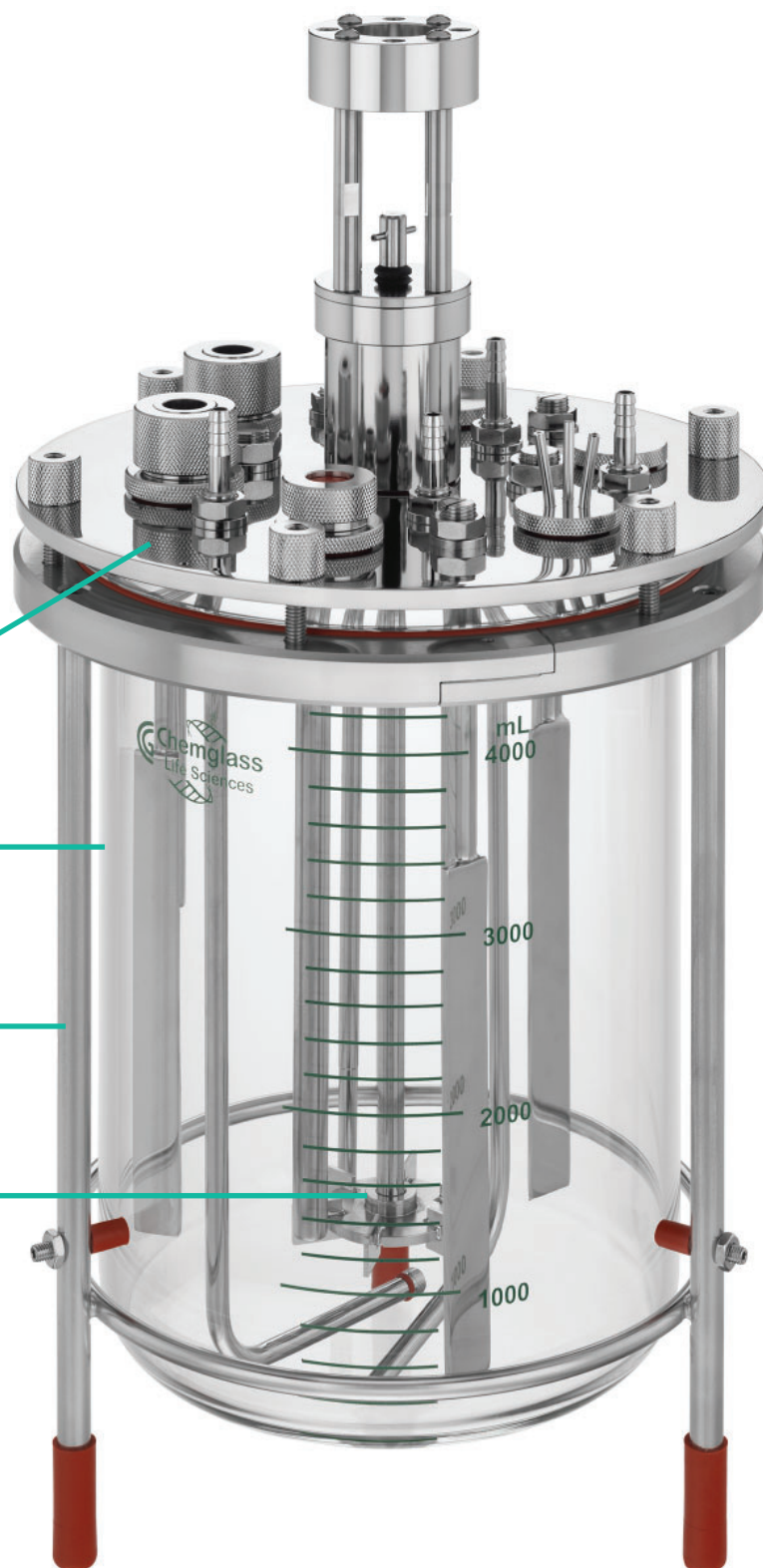


19 Port Headplate (4)

Graduated Vessel (1)

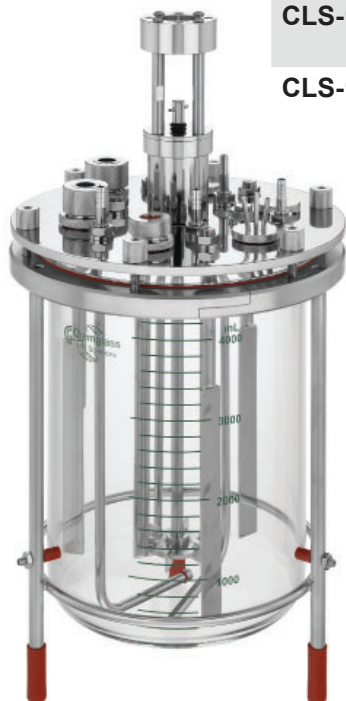
Support Stand (2)

Rushton Impeller (3)

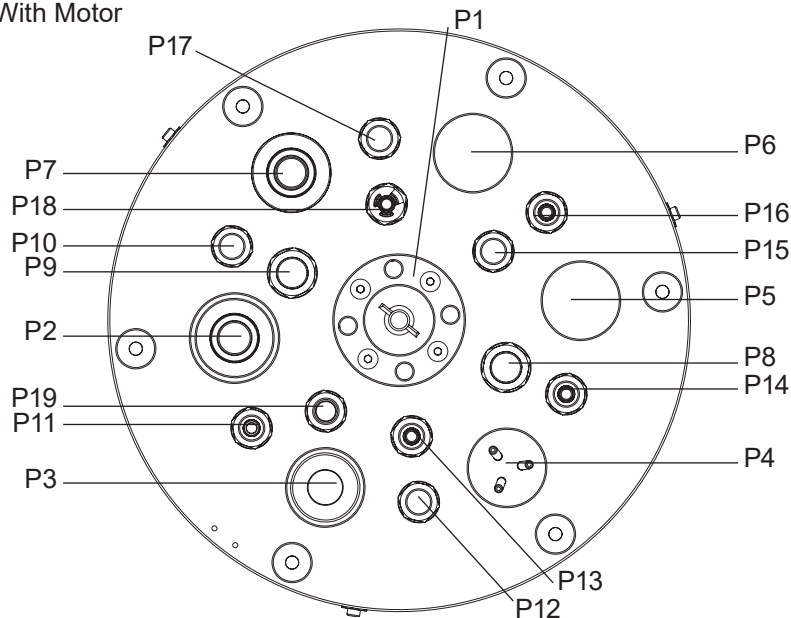


Microbial fermentation bioreactor systems include all the necessary base components needed in one simple package, supplied with or without a motor. By using motor adapters, the system can be retrofitted to work with almost any motor. These systems can be purchased as configured or customized to fit your specific application. For customized solutions please contact singleuse@cglifesciences.com

5L Microbial Fermentation Bioreactor System, Unjacketed



Part Number	Description
CLS-1382-MF5	5L Microbial Fermentation Bioreactor System Complete, Without Motor
CLS-1382-MF5M	5L Microbial Fermentation Bioreactor System Complete, With Motor



Standard Components Supplied with Complete Systems

Item No.	Part No.	Description
1	CLS-1382-01	Bioreactor, 5L, Unjacketed, Graduated
2	CLS-1382-STD5	Support Stand, Complete
3	CLS-1382-07	Rushton Impeller 60mm OD
4	CLS-1382-03	Headplate, 19 Port

Headplate Configuration and Components

Port No.	Part No.	Size	Description
P1	CLS-1380-05	M30	Agitator Assembly
P2	CLS-1381-07	G3/4	pH/DO Adapter, for 12mm Sensor
P3	CLS-1380-10	M18	Septum Holder
P4	CLS-1380-09	M18	Triple Port Adapter
P5	CLS-1380-25	M18	Blind Stopper
P6	CLS-1380-25	M18	Blind Stopper
P7	CLS-1381-06	M18	pH/DO Adapter for 12mm Sensor
P8	CLS-1380-24	M12	Blind Stopper
P9	CLS-1380-24	M12	Blind Stopper
P10	CLS-1382-10	M10	Baffle, 223mm Long
P11	CLS-1382-12	M10	Harvest Tube
P12	CLS-1382-10	M10	Baffle, 223mm Long
P13	CLS-1380-20	M10	Adapter, Air Inlet/Outlet
P14	CLS-1380-20	M10	Adapter, Air Inlet/Outlet
P15	CLS-1380-23	M10	Blind Stopper
P16	CLS-1381-05	M10	Air Aeration Tube, Drilled Hole Sprager
P17	CLS-1382-10	M10	Baffle, 223mm Long
P18	CLS-1380-21	M10	Adjustable Sampling Pipe
P19	CLS-1380-11	M10	Thermowell, 200mm Immersion

Additional Items Included with CLS-1382-MF5M

Item No.	Part No.	Description
5	CLS-1399-100	Overhead Stirrer and Controller, 120VAC

