

15L Microbial Fermentation Bioreactor System, Unjacketed



19 Port Headplate (4)

Graduated Vessel (1)

Support Stand (2)

Rushton Impeller (3)

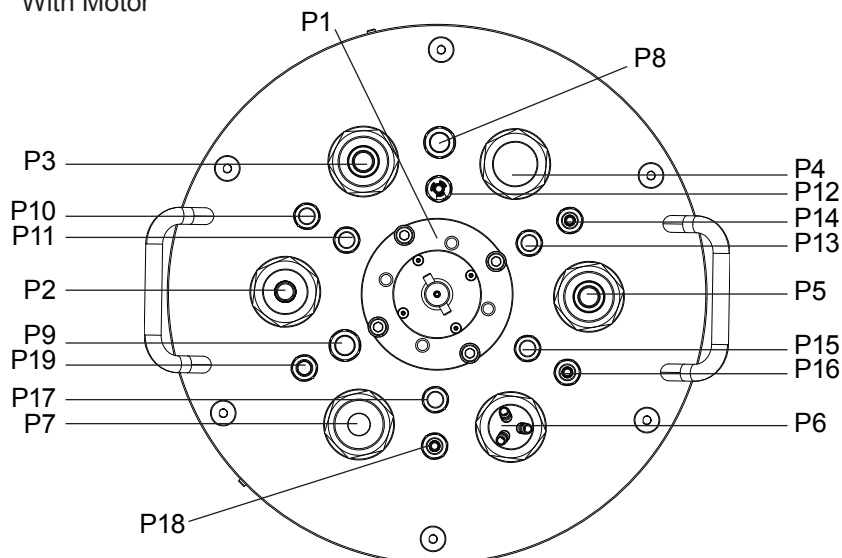


Microbial fermentation bioreactor systems include all the necessary base components needed in one simple package, supplied with or without a motor. By using motor adapters, the system can be retrofitted to work with almost any motor. These systems can be purchased as configured or customized to fit your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

15L Microbial Fermentation Bioreactor System, Unjacketed



Part Number	Description
CLS-1385-MF15	15L Microbial Fermentation Bioreactor System Complete, Without Motor
CLS-1385-MF15M	15L Microbial Fermentation Bioreactor System Complete, With Motor



Standard Components Supplied with Complete Systems

Item No.	Part No.	Description
1	CLS-1385-01	Bioreactor, 15L, Unjacketed, Graduated
2	CLS-1385-STD15	Support Stand, Complete
3	CLS-1385-20	Rushton Impeller 76mm OD
4	CLS-1385-03	Headplate, 19 Port

Headplate Configuration and Components

Port No.	Part No.	Size	Description
P1	CLS-1385-05	M69	Agitator Assembly, 15mm Shaft
P2	CLS-1385-23	M27	Harvest Tube
P3	CLS-1385-19	M27	pH/DO Adapter for 12mm Sensor
P4	CLS-1385-14	M27	Blind Stopper
P5	CLS-1385-19	M27	pH/DO Adapter for 12mm Sensor
P6	CLS-1385-08	M27	Triple Port Adapter
P7	CLS-1385-09	M27	Septum Holder
P8	CLS-1380-24	M12	Blind Stopper
P9	CLS-1380-24	M12	Blind Stopper
P10	CLS-1380-23	M10	Blind Stopper
P11	CLS-1385-17	M10	Baffle, 400mm Long
P12	CLS-1385-13	M10	Adjustable Sampling Pipe
P13	CLS-1385-17	M10	Baffle, 400mm Long
P14	CLS-1380-20	M10	Adapter, Air Inlet/Outlet
P15	CLS-1380-22	M10	Blind Stopper
P16	CLS-1385-11	M10	Porous Sparge Tube, 15 um Frit
P17	CLS-1385-17	M10	Baffle, 400mm Long
P18	CLS-1380-20	M10	Adapter, Air Inlet/Outlet
P19	CLS-1385-10	M10	Thermowell, 370mm Immersion

Additional Items Included with CLS-1382-CC5M

Item No.	Part No.	Description
5	CLS-1399-200	Overhead Stirrer and Controller, 120VAC

