

## 5L Cell Culture Bioreactor Systems, Unjacketed

Agitator Assembly for  
Use with

CLS-1399-100  
Overhead Stirrer.

Additional Adapters  
are available for other  
style motors.

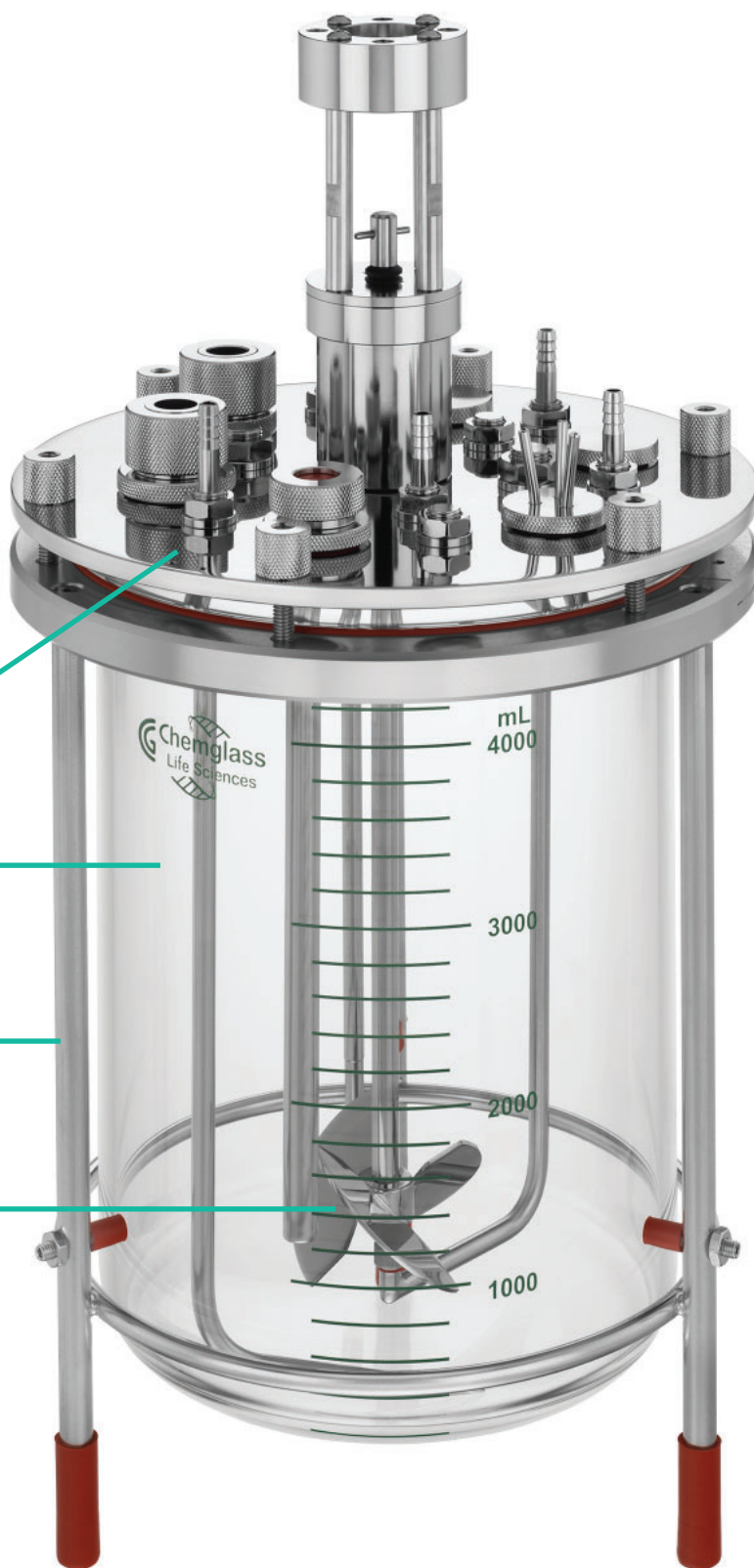


19 Port Headplate (4)

Graduated Vessel (1)

Support Stand (2)

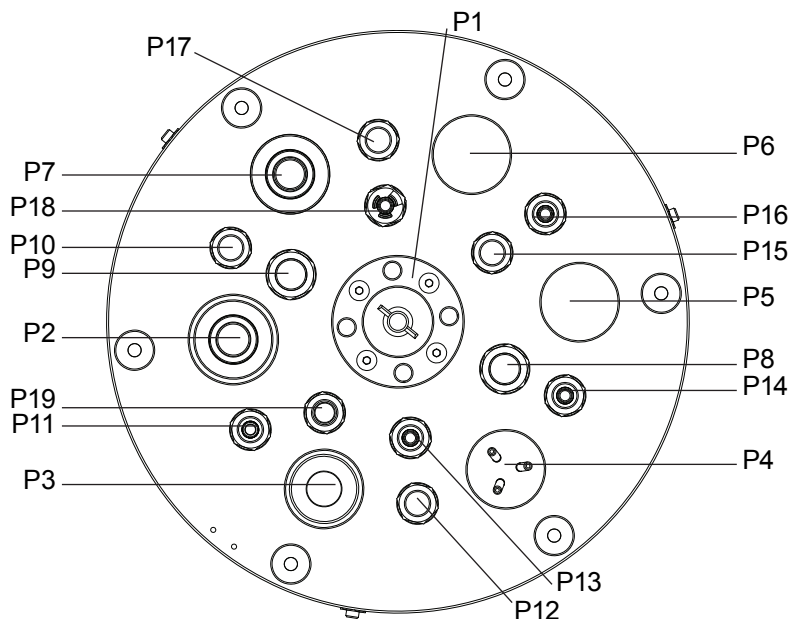
Vortexing Impeller (3)



Cell culture 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](mailto:singleuse@cglifesciences.com)



| Part Number          | Description                                               |
|----------------------|-----------------------------------------------------------|
| <b>CLS-1382-CC5</b>  | 5L Cell Culture Bioreactor System Complete, Without Motor |
| <b>CLS-1382-CC5M</b> | 5L Cell Culture 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-1382-05   | Vortexing Impeller 59mm 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-1380-23 | M10  | Blind Stopper                  |
| P11      | CLS-1382-12 | M10  | Harvest Tube                   |
| P12      | CLS-1380-23 | M10  | Blind Stopper                  |
| 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-1382-08 | M10  | Porous Sparge Tube, 15 um Frit |
| P17      | CLS-1380-23 | M10  | Blind Stopper                  |
| P18      | CLS-1380-21 | M10  | Adjustable Sampling Pipe       |
| P19      | CLS-1380-11 | M10  | Thermowell, 200mm Immersion    |

## Additional Items Included with CLS-1382-CC5M

| Item No. | Part No.     | Description                            |
|----------|--------------|----------------------------------------|
| 5        | CLS-1399-100 | Overhead Stirrer and Controller, 20VAC |

