

Rocker BioReactor Systems

Provide increased flexibility with modular format, optional trays and accessories.



- Adjustable tray angle
- Variable speed rocking
- Quiet operation
- Optional vent heater
- Two-year warranty



Easy Bag Installation

Position Control
Load - Harvest - Run

Speed Control
2 to 40 per minute

Tray Angle Control
2 to 12°

Bright Digital Display
Easy-to-Read

Rocker Trays: CLS-1200-250, CLS-1200-300
Base: CLS-1200-100

Modular Benchtop BioReactor System consists of a heavy-duty base unit and a choice of stainless steel rocker trays. Engineered for durability, it can be used in both research and development as well as production environments. The smooth rocking motion provides gentle, efficient mixing and gas transfer. Designed for optimal performance with Chemglass 8-port and 6-port cell culture bags but easily accepts other manufacturers' bags having the same dimensions. The optional bag and vent heater, made for use with both size trays, keeps vent filters free of harmful condensation that can clog filters and compromise cultures.

NOTE: Temperature controller, **CLS-1200-2CH**, must be purchased separately.

Specifications	CHEMcell Base	20 Liter Tray	50 Liter Tray
Weight (lbs)	45	22	34
Dimensions (L x W x H) inches / centimeters	19.5 x 16.6 x 6.5 49.53 x 42.16 x 16.51	21 x 27 x 2.5 53.35 x 68.58 x 6.35	27 x 30 x 2.5 68.58 x 76.2 x 6.35
Rocking Rate (per min.)	2 - 40	—	—
Rocking Angle (°)	2 - 12	—	—
Electrical	110-120V, 480W	—	—

CHEMcell Rocker BioReactors

Part No.	Description
CLS-1200-100	CHEMcell Rocker BioReactor Base Only
CLS-1200-250	CHEMcell Rocker Tray, 10-20 Liter, Complete, With heater and PT100 Thermocouple
CLS-1200-300	CHEMcell Rocker Tray, 20-50 Liter, Complete, With heater and PT100 Thermocouple



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Temperature Controller, J-KEM®

Controls heaters on both size trays along with vent heater.

Temperature Controller

Part Number	Description	Qty.
CLS-1200-2CH	Temperature Controller	1

J-KEM is a registered trademark of J-KEM Scientific.



CLS-1200-2CH Temperature Controller

Vent Heater

Vent heater for use with rectangular filters measuring 40 x 70mm. Use with temperature controller, CLS-1200-2CH.

Vent Heater

Part Number	Description	Qty.
CLS-1200-FH	Vent Heater, 4 Watt	1



CLS-1200-FH Vent Heater

Gas Mixing Module, CHEMcell™

The CHEMcell gas mixing module with touchscreen display is used for accurate mixing of two gases. It utilizes two Alicat gas flow controllers with built-in back pressure sensors for safe operation with a disposable bag or bioreactor. Flow rates are up to 1.1 liters per minute maximum. Gas totalizers allow you to track the total flow during the cell culture run.

Gas Mixing Module

Part No.	Description	Qty.
CLS-1200-GMM	Gas Mixing Module	1



CLS-1200-GMM Gas Mixing Module

Ultra-Clear, 6-Port Cell Culture Bags

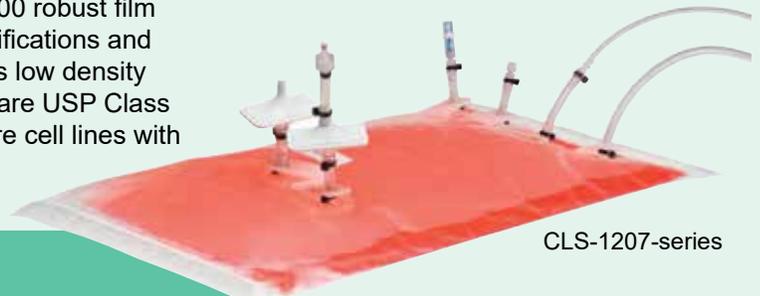
Cell culture bags are manufactured from ultra clear Flex 600 robust film and gamma irradiated. The film meets USP Class VI specifications and is contamination free. The inner product contact material is low density polyethylene. All bags and components content materials are USP Class VI tested. Excellent choice for mammalian and plant culture cell lines with extended mixing times.

Six-Port, Ultra Clear, Cell Culture Bags

Part No.	Cap. (L)	No. of Ports	Qty.
CLS-1207-10M	10	6	10
CLS-1207-20M	20	6	10
CLS-1207-22M	22	6	10
CLS-1207-50M	50	6	10

Compatible
with GEWave™
Rocking
Platforms

- gamma irradiated
- ultra-clear Flex 600 robust film
- materials are USP Class VI tested



CLS-1207-series



Contact Us with Your Product Questions

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