

New CHEMcell® Rocker BioReactor System

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

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



Position Control
Load - Harvest - Run

Speed Control
2 to 40 per minute

Tray Angle Control
2 to 12°

Digital Display
Bright and Easy-to-Read



Easy Bag Installation

New 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.

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



by Chemglass Life Sciences

Part Number	Description	Price
CLS-1200-100	CHEMcell® Rocker BioReactor Base Only	5,600.00 ♥
CLS-1200-250	CHEMcell® Rocker Tray, 10-20 Liter, Complete, With heater and PT100 Thermocouple	2,400.00 ♥
CLS-1200-300	CHEMcell® Rocker Tray, 20-50 Liter, Complete, With heater and PT100 Thermocouple	2,800.00 ♥

CLS-1200-AP AIR PUMP, ROCKER BAG

Pump is used in inflating cell culture bags on our CHEMcell® rocker. Pump has an output of 110Liters per hour and has two outlets to inflate two bags. Supplied with one set of 5' of 1/8" x 1/4" tubing, and quick connect adapters for use in connecting into the 1/4" ID tubing on the filter inlet of the bags. Tubing sets also sold separately.

Part Number	Description	Price
CLS-1200-AP	Air Pump Kit, Complete with 1 Tubing Kit	46.00 ♥
CLS-1200-TK	Tubing Kit Only	9.60 ♥



Close Up View of O₂ Flow Tube Scale

CLS-1439 GAS FLOWMETERS

Flowmeters for use with our CLS-1200 rocker system and cell culture bags. Available in both low and high flow rates based culture requirements. Other flow rate options are available, please contact our technical service department for details: technical-service@cglifesciences.com

Inlet and outlet connections are made via 1/4" hose barb fittings. Gas must be dried, filtered and regulated to less than 15psi. Flowmeters also include a triangular acrylic base with leveling feet.

Low Flow Rate

Part Number	For Use With	Flow Rate mL/ Minute	Price
CLS-1439-10	O ₂	30 to 300	285.00 ♥
CLS-1439-20	CO ₂	22 to 220	285.00 ♥

High Flow Rate

Part Number	For Use With	Flow Rate mL/ Minute	Price
CLS-1439-11	O ₂	0.4 to 4	290.00 ♥
CLS-1439-21	CO ₂	0.6 to 6	290.00 ♥



CLS-1439 Gas Flowmeter

CLS-1200-FH VENT HEATER

Use with rectangular filters measuring 40 x 70mm.

Part Number	Description	Price
CLS-1200-FH	Vent Heater, 4 Watt	305.00 ♥



CLS-1200-FH Vent Heater

CLS-1200-2CH TEMPERATURE CONTROLLER, J-KEM®

Controls heaters on both size trays along with vent heater.

Part Number	Description	Price
CLS-1200-2CH	Temperature Controller	1,160.00 ♥



CLS-1200-2CH Temperature Controller