



## Specification Sheet

# Mobius® CellReady 3L Bioreactor

Volume	
Total	3.0 L
Minimum	1.0 L
Maximum Working	2.4 L

Dimensions	
Vessel diameter (inner)	5.3" (137.0 mm)
Overall height	9.6" (249.0 mm)
Overall weight	1.5 lb (680.0 g)
Base diameter	9.5" (241.0 mm)
Thermo well diameter	0.4 (7.6 mm)
Impeller diameter (Marine; Scoping)	3.0" (76.2 mm)

Materials	
Vessel, shaft and base	Polycarbonate
Headplate, thermowell and impeller	HDPE
O-rings and seals	Silicone
Check valve	Silicone, Polypropylene
Septum	ABS, Polyisoprene
Probe port plug	TPE

Ports	
PG 13.5 threaded (3)	Fits standard 12 mm probes (200-235 mm length)

Gas Filters	
Overlay and sparge inlets	Millipore Millex® 33 mm 0.22 µm PVDF (hydrophobic)
Vent outlet	Millipore 50 mm, 0.22 µm nylon (hydrophobic)

Sampling	
Luer actuated valve	
Weldable tube with clamp	

Sparging	
Sintered Polyethylene Microsparger (pore size)	The inserted frit has been designed to produce a 15-30 micron nominal pore size
Open pipe sparger diameter	0.09" (2.3 mm)

Compatibility	
Motor Drive Adapter required	Integrates with most standard 3L motors
Heating blankets	Compatible with most standard 3L heating blankets - Please call for details

Recommended Application: Mammalian cell culture

Gamma Irradiated to dose exceeding 25kGy

100% Integrity testing

## ORDERING INFORMATION

Description	Catalog #
Mobius CellReady 3L Bioreactor	CR0003L200
Mobius CellReady 3L motor adapter - Applikon® Style	CR0003L102
Mobius CellReady 3L motor adapter - Sartorius BIOSTAT® Bioreactor A+ (1L, 2L, 5L) Style	CR0003L103
Mobius CellReady 3L motor adapter - Sartorius BIOSTAT® Bioreactor B-DCU II Style	CR0003L104
Mobius CellReady 3L motor adapter - New Brunswick Celligen® Bioreactor Plus Style	CR0003L107
Mobius CellReady 3L motor adapter - New Brunswick Celligen® Bioreactor 115 Style	CR0003L108

We offer a complete Mobius CellReady 3L Bioreactor System using the Applikon ezControl Platform- Please call for details

In the U.S. and Canada, call toll-free 1-800-MILLIPORE (1-800-645-5476 1-781.533.6000)

Europe (+31.20.567.2601)

Technical Service (+1.781.533.6000)

Email: orders@millipore.com

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Connections					
		C-Flex® Clear 374 Tubing ID			
	Location	1/8" (3.2mm)	1/4" (6.4mm)	Connector	Filter
Fluid addition 1	Headplate	yes		1/8" Male Luer with Cap	Septum
Fluid addition 2	Headplate	yes	yes		
Fluid addition 3	Vessel	yes			Check valve
Fluid addition 4	Vessel	yes			Check valve
Harvest	Vessel	yes	yes		Clamp
Fluid Addition or Outlet Line	Vessel	yes			Clamp
Air inlet (overlay)	Headplate	yes			
Sparge 1 (micro-sparger)	Vessel	yes			yes
Sparge 2 (open pipe)	Vessel	yes			Check valve
Air outlet (vent)	Headplate		yes		yes