

Bend Research Equipment List: Biotherapeutics and Bioprocessing

<i>Type and Model</i>	<i>Manufacturer</i>	<i>Number/Scale</i>	<i>Notes</i>
Cell Culture			
BioNet Bioreator Systems	Broadley-James	2x -3L, 2x-7L	DeltaV Based Control and Data historian
Fermac 360 Bioreactors	Electrolab	2x -3L, 2x-7L	
BioFlo 3000	New Brunswick	30L	Steam in Place Reactor
Wave BioReactor System	GE	1x - (1-10L)	Disposable Bioreactor
SterilGard 111	The Baker Company	1x	
Climo-Shaker ISFI-X Incubators	Kuhner	2x	CO2, temperature, humidity controlled incubator shakers
Autoclave	Consolidated	1x	
Cell Culture Process Analytical			
Bioprofile Flex	Nova	1x	
RC6 Plus Centrifuge	Thermo	1x	
IEC CL40R Centrifuge	Thermo	1x	
Flex Autosampler	Nova	1x	
Modular Automated Sampling Technology™ (MAST) System	Bend Research	N/A	modular, customizable - collects from ≤ 8 bioreactors, sends samples to ≤ 4 destinations
MAST™ Cell Removal System	Bend Research	N/A	
Futura Dielectric Spectroscopy Probes	Aber Instruments	2x	
iBiomass 465 Dielectric Spectroscopy Probes	Fogale Nanotech	2x	
CedexCell Counting System	Innovatis	1x	
Protein Simple iCE3	Protein Simple	1x	Imaging Capillary Electrophoresis
Downstream Separations			
Akta Purifier	GE	1x - (0.1-100 ml/min)	
Akta Explorer	GE	1x - (0.1-100 ml/min)	
Gilson GX271 ASPEC	Gilson	1x	
Cell Characterization			
Flourescent Confocal Mocoscope	Nikon	1x	
FACS- Aria	BD	1x	Flourescence Activated Cell Sorter
Molecular Biology			
Typhoon 9410 Gel Imager	GE	1x	
Step One Plus RT-PCR System	Applied Biosystems	1x	
Nanodrop 8 sample Spectrophotometer ND-8000	Nanodrop	1x	
Nanodrop 1 sample Spectrophotometer ND-1000	Nanodrop	1x	
HPLC with autosampler	Agilent	2x	Amino Acid Analysis, Product Titer, Product Quality Analysis