

Category	Function	Name	Description	Quantity	Brand
General	Scales	Analytical scale	Up to 220 g	2	Mettler Toledo
		Bench top scale	Scales with capacities from 4 kg to 120 kg.	15	Mettler Toledo; Kern
		Floor scale	Up to 500 kg; 600 kg; up to 1500 kg.	4	Mettler Toledo
	Sterilization	Autoclave	55 L; 135 L	5	Ninolab
		Sterile Tube Fuser	Only for tube size 1/8 x 1/4 ".	2	Terumo
		Sterile Tube Fuser (Dry; Wet)	Can handle different tube sizes.	3	Cytiva
		Sterile tube sealer	N/A	1	Cytiva
	Containment	Biosafety Cabinet	Class 1, protecting personel and the environment.	2	Kojair
		Laminar Flow Cabinet	N/A	5	Lamsystems
	Freezers	Freezer	-20°C; -40°C; -80°C	9	N/A
		Liquid nitrogen freezer	N/A	2	Linde
		Cold cabinet	N/A	3	NinoLux
	Oven	High temperature laboratory oven	N/A	1	Carbolite Gero
	Temperature Control	Incubator	Stationary	1	Termarks
		Thermostatic bath	N/A	3	LAUDA
	Mixing	Hei-TORQUE Expert 100	Overhead stirrer.	1	Heidolph Instruments
		IKA T-25 Digital Ultra-Turrax	Immersion blender.	1	Fischer Scientific
	Liquid transfer	Peristaltic pump	120U; 530S; 630S; 730SN/R	9	Watson Marlow
	Laboratory Tools	Micropipettes	Micropipettes with different sizes.		RAININ LTS
	Storage	ReadyToProcess storage bins	The bins accommodate either 100 L or 500 L storage bags.	3	Cytiva
	Monitoring	SciPress Sensor Monitor (Pressure)	Portable pressure monitors.	3	Parker
	Centrifugation	Sorval Legend Micro 17R	Microcentrifuge. 24 × 1.5/2.0 mL rotor.	1	Sorvall
		Sorvall Legend ST40R	Benchtop centrifuges. TX750 rotor.	2	Sorvall
		Sorvall BIOS 16	Large capacity centrifuge. 6 × 2000 mL swinging-bucket rotor.	1	Sorvall
		Sorvall Lynx 4000	Superspeed centrifugation. 6 × 500 mL and 8 × 50 mL fixed-angle rotors.	1	Sorvall
	Cleaning	Ultrasonic cleaning bath	18L	1	Fischer Scientific
	Other (analytics)	Label printers	N/A	3	N/A
		Conductivity and pH meter	N/A	4	Mettler Toledo
Upstream	Bioreactors	Microbial stainless steel bioreactors.	15 L (Getinge); 200 L (Belach). Stirred tank.	2	Getinge; Belach

		Applikon Bio glass bioreactor with ez2 controller	3.5 L parallel glass stirred tank bioreactor.	6	Applikon
		iCellis 500 bioreactor	500 m ² fixed-bed bioreactor.	1	Cytiva
		iCellis Nano bioreactor	40 mL, 0.53 m ² fixed-bed bioreactor.	1	Cytiva
		ReadyToProcess WAVE 25 bioreactor	System with tray 20 and 50 alternatives for a variety of reactor bag sizes; rocking motion bioreactor.	5	Cytiva
		Xcellerex Disposable Reactor	50 L; 200 L; 500L	4	Cytiva
	Mixing Systems	Xcellerex XDM Mixers	50 L; 200 L; 500L mixing system for bags.	3	Cytiva
		Xcellerex XDUO	Mixing system for 100L, 200L or 500L bag	4	Cytiva
		LevMixer and Magnetic Mixer tank	650 L mixer.	2	Cytiva
	Incubation	Incubator shaker	Incubator shaker for microbial culture.	2	Infors HT
		Incubator shaker with CO2 control	With CO2 (Infors Minitron); one with CO2 and humidity (Kuhner); Incubator shaker for cell culture.	5	Infors Minitron; Kuhner
		Stationary CO2 Incubator	Incubator for cell culture.	1	Thermo Scientific
	Process Station	ReadyKart mobile processing station	Tray for 50 L bags. "Bag holders are height adjustable to accommodate any size pillow bags up to 20 L, including non-Cytiva bags. Replaceable shelves, with cutouts, accept bins that hold 100 and 200 L 3-D bags."	2	Cytiva
Downstream	Chromatography System	ÄKTA Go	N/A	1	Cytiva
		ÄKTA Pilot 600	N/A	1	Cytiva
		ÄKTA Pure	ÄKTA pure 25 (25ml/min); ÄKTA pure 150 (150ml/min)	4	Cytiva
		ÄKTA ready gradient	Single-use liquid chromatography system.	1	Cytiva
		ÄKTA start		1	Cytiva
		ÄKTA process	Polypropylene tubes, 6mm; 10 mm	2	Cytiva
	Chromatography Column	AxiChrom	50 mm, 70mm, 100mm, and 140mm inner diameter columns available.	5	Cytiva
		BPG Columns	100/500; 100/950; 140/500; 140/950; 200/500; 300/500	8	Cytiva

		HiScale Columns	16/20; 16/40; 26/20; 26/40; 50/20	8	Cytiva
		Tricorn Columns	5/50; 5/100; 10/100	9	Cytiva
	Fraction Collection	Fraction Collector F9-C	Fraction Collector for Äkta pure	2	Cytiva
	Sample Handling	Alias Bio Cool Autosampler	Autosampler	1	Cytiva
Analytic	Gel electrophoresis and blotting equipment	MiniPortean Tetra Cell	Vertical polyacrylamide gel electrophoresis system.	1	Bio-Rad
		Mini-Sub Cell GT	A horizontal electrophoresis system.	1	Bio-Rad
		XCell SureLock Mini-Cell & XCell II Blot Module set	Electrophoresis and blotting system for mini gels.	1	Fischer Scientific
	Liquid Chromatography	1260 Infinity II Bio-Inert LC system	HPLC system, UV-detector	1	Agilent TechNologies
	Molecular Interaction Analyzer	Biacore 8K SPR system	Surface plasmon resonance (SPR) system.	1	Cytiva
	Metabolite Analysis	Cedex Bio Analyzer	N/A	1	Roche Custom Biotech
	Blood Gas Analysis	ABL9 Blood gas analyzer	N/A	2	Triolab
	Cell Counters	NucleoCounter NC-202	N/A	1	Chemometec
		Vi-Cell Blu	N/A	1	Vi-CELL
		Vi-Cell XR	N/A	2	Vi-CELL
	Imaging	Amerham Imager 680RGB	Blot and gel imager	1	Cytiva
	Immunoassay Automation	Gyrolab xP workstation	Immunoassay automated analysis system	1	Gyrolab
	Spectrophotometry	NanoDrop One	Microvolume spectrophotometer.	1	Thermo Fisher Scientific
		OPTIZEN NaNoQ	Microvolume spectrophotometer.	1	Optizen
		Spectrophotometer	UV/Vis for cuvettes.	2	Dynamica Scientific
		Microplate spectrophotometer	UV/Vis for microplates and cuvettes.	1	Thermo Fisher Scientific
	Plate-based analysis	Varioskan Lux	N/A	1	Thermo Fisher Scientific
	PCR Analysis	rtPCR	N/A	1	Thermo Fisher Scientific
	Osmolality Analysis	OsmoPro Multisample Osmometer	N/A	1	MOLEK
	Particle Characterization	Zetasizer Pro Red	DLS/ELS particle analyzer.	1	Malvern
	Turbidity Analysis	Turbidity meter	TIR 200	1	VWR
	Microscopy	Primostar microscope	Brightfield microscopy of stained samples.	1	Zeiss

		Primovert microscope	Inverted cell culture microscopes.	2	Zeiss
Cell & Gene Therapy	Nanoparticle Formulation Systems	NanoAssemblr™ Spark	N/A		Cytiva
		NanoAssemblr™ Ignite	Clinical development of lipid nanoparticles (LNPs).		Cytiva
		NanoAssemblr™ commercial formulation system	Automated system for GMP-manufacturing of LNPs		Cytiva